

TOWN OF  
**READING**  
MASSACHUSETTS

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THE ANNUAL  
**R E P O R T**

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For the Financial Year  
Ended December 31st

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MASSACHUSETTS



# **TOWN OF READING**

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## **ANNUAL REPORT**

—FOR THE—

FINANCIAL YEAR ENDED DECEMBER 31

**1924**



THE CHRONICLE PRESS  
READING, MASS.



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## TOWN OFFICERS, 1924-1925

### Elected and Appointed

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#### Board of Selectmen

JOSEPH D. KNIGHT, Chairman	Term expires 1925
ROBERT E. PARKER, Secretary	" " 1927
FREDERICK L. SPRINGFORD	" " 1926
LEON G. BENT, Clerk	

#### Board of Public Welfare

JOSEPH D. KNIGHT, Chairman	Term expires 1925
ROBERT E. PARKER, Secretary	" " 1927
FREDERICK L. SPRINGFORD	" " 1926
LEON G. BENT, Clerk	HELEN A. BROWN, Visitor

#### Board of Assessors

ALVAH W. CLARK, Chairman	Term expires 1927
J. FRED RICHARDSON, Secretary	" " 1925
EDWARD B. EAMES	" " 1926

#### Town Clerk

MILLARD F. CHARLES

#### Treasurer

WILFRED A. BANCROFT

#### Collector of Taxes

GRACE V. VIALL

#### Town Counsel

JESSE W. MORTON

#### Moderator

JESSE W. MORTON

#### Town Accountant

LEON G. BENT

**Board of Public Works**

GEORGE H. CLOUGH, Chairman	Term expires	1925
MILES C. HIGGINS, Secretary	" "	1927
JOSEPH W. BOOTH	" "	1926
FRANK C. CARTER	" "	1927
JOHN W. OWEN	" "	1925
HARRY B. COLLINS, Supt		

**Board of Health**

EDWARD M. HALLIGAN, M. D., Chairman	Term expires	1925
CHRISTINE F. ATKINSON, Seeretary	" "	1927
CALVERT H. PLAYDON, M. D. V.	" "	1926

**Finance Committee**

ALBERT R. SHEPARDSON, Chairman	Term expires	Mar. 31, 1927
JOHN CONNELLY	" "	" 1925
WILLIAM S. DENNISON	" "	" 1925
JOHN L. DEVANEY	" "	" 1925
MARGARET R. ELLISON	" "	" 1925
MARTIN B. HARTSHORN	" "	" 1925
WILLIAM A. HALEY	" "	" 1926
JAMES P. CARLETON	" "	" 1926
FREDERICK D. SPERRY	" "	" 1926
SPENCER G. STEWART	" "	" 1926
MOLLIE A. SWEETSER	" "	" 1926
ELIAS B. CURRELL	" "	" 1927
JAMES W. FAIRCHILD	" "	" 1927
JOHN H. FARNUM	" "	" 1927
OTIS B. RUGGLES	" "	" 1927
LEON G. BENT, Clerk		

**School Committee**

WALTER S. PARKER, Chairman	Term expires	1926
LEONE F. QUIMBY	" "	1926
MARION B. TEMPLE	" "	1927
RUTH A. LUMSDEN	" "	1927
IDA A. YOUNG	" "	1925
JESSE W. MORTON	" "	1925
ADELBERT L. SAFFORD, Supt. of Schools, Secretary		

**School Attendance Officer**

ABIGAIL H. MINGO

**Municipal Light Board**

WILLIAM G. LONG, Chairman	Term expires 1926
HERBERT G. EVANS, Secretary	" " 1927
HARRY P. BAKER	" " 1925
ARTHUR G. SIAS, Manager, Municipal Light Dept.	

**Trustees of Laurel Hill Cemetery**

GALEN A. PARKER, Chairman	Term expires 1926
PHILIP H. TIRRELL, Secretary	" " 1927
WILLIAM S. KINSLEY	" " 1926
CHESTER P. EELLES	" " 1927
FRANK L. EDGERLEY	" " 1925
WILLIE E. TWOMBLY	" " 1925
ALFRED E. GOODWIN, Supt of Cemetery	

**Board of Registrars**

OWEN McKENNEY, Chairman	Term expires 1927
WALTER S. PRENTISS	" " 1925
PRESTON F. NICHOLS	" " 1926
MILLARD F. CHARLES, Clerk	

**Playground Commission**

ARTHUR S. COOK, Chairman	
MABEL H. BROWN	LOUISE E. BURRAGE
HAROLD F. PARKER	HARRY E. SMITH

**Planning Board**

WILLARD P. ADDEN, Chairman	Term expires 1927
HELEN R. GRIMES, Secretary	" " 1926
JOHN L. DODGE	" " 1925
MARY F. DANIEL	" " 1926
ROBERT S. PARKER	" " 1925

**Trustees of Public Library**

HORACE G. WADLIN, Chairman	Term expires 1925
ARTHUR N. MANSFIELD, Secretary	" " 1927
CHARLES F. DOUGHTY	" " 1926
*FANNIE C. WHITTEMORE	" " 1926
EDITH BANCROFT	" " 1927
RALPH S. KENEELY	" " 1925
†IDA C. LUCAS	" " 1925
BERTHA L. BROWN, Librarian	
GRACE J. ABBOTT, Assistant Librarian	

\*Resigned

†Appointed to fill vacaney

**Police Department**

JEREMIAH CULLINANE, Chief	PATRICK J. LONG
TIMOTHY J. CULLINANE	OSCAR H. LOW
FRANCIS T. SLACK	WILLIAM F. O'BRIEN
FRANK R. FISHER	

**Fire Department**

ORVILLE O. ORDWAY, Chief	
HUGH L. EAMES, Capt	JOHN J. O'BRIEN, Lieut.
FRANK L. MCKENNEY	WILLIAM H. VANHORN

**Superintendent of Fire Alarm**

HUGH L. EAMES

**Forest Warden**  
ORVILLE O. ORDWAY

**Deputy Forest Warden**  
HENRY M. DONEGAN

**Constables**

*LEON G. BENT	†EDWARD G. QUINLAN
*J. FRED RICHARDSON	

**Inspector of Milk**  
CARL M. SMITH

**Inspector of Plumbing**  
DAVID TAGGART

**Inspector of Animals**  
CALVERT H. PLAYDON, M. D. V.

**Inspector of Wires**  
ARTHUR G. SIAS

**Inspector of Buildings**  
A. RUSSELL BARNES

**Sealer of Weights and Measures**  
CARL M. SMITH

†Resigned

\*Appointed

**Superintendent of Moth Department and Tree Warden**  
HENRY M. DONEGAN

**Burial Agent for Deceased Soldiers and Sailors**  
(Under Chapter 115, Section 19, General Laws)  
CHARLES STOREY

**Custodian of Soldiers' and Sailors' Graves**  
(Under Chapter 115, Section 22, General Laws)  
ALFRED E. GOODWIN

**Board of Appeal**  
MAHLON E. BRANDE  
\*GILMAN L. PARKER FRED L. NUTTER

**Measurers of Wood and Bark**  
THOMAS E. BROGAN PERCY N. SWEETSER  
BURTON K. SYMONDS WARREN M. WHITEHOUSE

**Measurers of Lumber**  
ORA L. MILBURY BURTON K. SYMONDS  
WARREN M. WHITEHOUSE WILLIAM R. ZWICKER  
EDWARD B. EAMES ROLLAND L. PERRY

**Weighers of Coal and Hay**  
W. IRVING BANCROFT THOMAS E. BROGAN  
BERTHA D. MacLELLAN MABEL L. MacKAY  
WENDELL B. NEWELL PERCY N. SWEETSER  
CHARLES W. LEE WILLIAM H. WHITE

**Field Drivers**  
WILLARD A. BANCROFT ADOLPH S. LARSON  
ROLLAND L. PERRY

**Fence Viewers**  
J. W. AUSTIN ALBERT E. TEMPLE  
THOMAS E. WALL

**Workingmen's Compensation Agent**  
(Chapter 152, Section 175, General Laws)  
WILFRED A. BANCROFT

**Director of Agriculture and Home Economics**  
(Chapter 128, Section 41, General Laws)  
ROLLAND L. PERRY

\*Deceased

## TOWN OF READING

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Population 1920 Census, 7424.

Registered Voters 1924: Men 1813, Women 1527.

Fifth Congressional District.

Sixth Councillor District.

Seventh Middlesex Senatorial District.

Eighteenth Middlesex Representative District.

Congressman 5th District, John Jacob Rogers, Lowell.

Councillor 6th District, Charles S. Smith, Lincoln.

Senator 7th Middlesex District, Charles P. Howard, Reading.

Representatives 18th Middlesex District, Gustav W. Everberg, Woburn,

Lemuel W. Standish, Stoneham

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### LIST OF JURORS FOR 1924—1925

Prepared by Board of Selectmen

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Adams, George H., Farmer	160 Haverhill St.
Akerley Oliver L., Manufacturer	84 Woburn St.
Austin, Irving C., Wool Merchant	76 Woburn St.
Bancroft, Hamlet R., Shipper	14 Chute St.
Becker, William H., Salesman	35 Grove St.
Beeler, Howard A., Clerk	37 Scotland Road
Benjamin, William H., Salesman	12 Berkeley St.
Birchall, Joseph C., Superintendent	17 Village St.
Boyd, John A., Real Estate	34 Prospect St.
Brooks, George C., Salesman	9 Harnden St.
Brown, James C., Clerk	68 Pearl St.
Buckle, George H., Salesman	47 Bancroft Ave.
Burrage, Alvah L., Civil Engineer	65 Lowell St.
Byram, Joseph R., Salesman	23 Hillcrest Road
Carpenter, A. E. C., Salesman	233 Main St.
Carter, Frank C., Cashier	55 Woburn St.
Chamberlain, Edw. L., Retired	210 Main St.
Chesley, Robert O., Clerk	91 Oak St.
Clark, Eugene W., Architect	36 Salem St.

Cooper, Carl C., Treasurer	107 Summer Ave.
Cox, Charles M., Salesman	48 Woburn St.
Cutcliffe, James E., Printer	30 Locust St.
Dennison, William S., Manufacturer	Copeland Ave.
Dillaway, Ernest N., Salesman	12 Perkins Ave.
Eames, Edw. B., Buyer	193 Main St.
Evans, Herbert G., Salesman	40 Howard St.
Farnum, John H., Merchant	101 Summer Ave.
Fowle, Robert E., Bookkeeper	38 Vine St.
French, Clarence J., Salesman	189 Summer Ave.
Frost, Roscoe, Printer	32 Bancroft Ave.
Gay, Louis F., Bookkeeper	10 Union St.
Godding, J. Harry, Superintendent	102 Bancroft Ave.
Hall, Everett H., Decorator	160 High St.
Hartshorn, Benjamin M., Credit Man	15 Vine St.
Herick, Ralph C., Real Estate	11 Hopkins St.
Higgins, Miles C., Assistant Treasurer	8 Sanborn St.
Hodson, Robert H., Painter	9 Bancroft Ave.
Hubbard, J. M., Broker	91 Prospect St.
Hutchinson, George M., Janitor	246 Summer Ave.
Johnson, H. Raymond, Treasurer	Woodward Ave.
Kerr, Elgin H., Salesman	37 Grove St.
Kingman, Leland W., Insurance	7 Echo Ave.
Lane, Elliott W., Salesman	351 Main St.
Leach, William M., Electrician	4 Hopkins St.
Lewis, Herbert W., Salesman	14 Winter St.
Marshall, Douglas B., Salesman	18 Linden St.
McDavitt, John O., Clerk	114 Bancroft Ave.
McKillop, John C., Farmer	54 Orange St.
Merrill, Frank, Assistant Manager	4 Dudley St.
Mooney, Walter C., Manager	131 West St.
Moyer, Orlando C., Accountant	310 Summer Ave.
Nelson, C. Wayland, Farmer	336 Franklin St.
Nichols, Walter B., Civil Engineer	33 Bancroft Ave.
Nowell, George F., Treasurer	12 Arlington St.
Olsen, Arthur E., Instructor	5 Cross St.
Palmer, Harold V., Merchant	65 Prospect St.
Parker, Stillman R., Clerk	164 Main St.
Perry, Rolland L., Farmer	Off Mill St.
Porch, Harry G., Salesman	103 Salem St.
Ralston, Everett B., Salesman	4 Kingston St.
Rich, Charles H., Marine Engineer	10 Dudley St.
Richardson, Elmer H., Civil Engineer	85 Green St.
Roberts, Herbert H., Salesman	134 Woburn St.
Roberts, Willard S., Retired	Hillcrest Road
Sawyer, John F., Manager	8 Arlington St.
Siegars, William S., Steamfitter	42 Temple St.

Snow, Carlton E., Secretary	147 Woburn St.
Squires, George S., Superintendent	159 Main St.
Stembridge, Stanley R., Merchant	82 Woburn St.
Stratton, Charles, Bank Teller	57 West St.
Temple, Raymond B., Designer	50 Hillcrest Road
Torre, Frank J., Merchant	193 Main St.
Turner, Wilbur F., Jr., Manager	5 Fairview Ave.
Wallace, Chester J., Civil Engineer	1 Lowell St.
Webster, John W., Bookkeeper	23 Lowell St.
Whitchurch, Frank H., Salesman	279 Franklin St.
Whitney, Glen E., Insurance	Ellis Ave.
Williams, Walter I., Accountant	25 Intervale Terrace
Winship, Arthur G., Manager	61 Woburn St.
Wright, Albert J., Salesman	23 Locust St.

Approved:

JOSEPH D. KNIGHT

ROBERT E. PARKER

FREDERICK L. SPRINGFORD

Selectmen of Reading.

## TOWN MEETINGS 1924

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### ANNUAL TOWN MEETING

Security Hall, Woburn St., March 3, 1924.

Pursuant to the foregoing warrant and the Constable's return thereon, a town meeting was held at the place and time specified therein and was called to order by the Moderator, Jesse W. Morton. The warrant was partially read when it was voted to dispense with further reading except the Constable's return, which was read.

Article 1. To bring in their votes on one ballot for Moderator; one member of the Board of Selectmen for three years; Treasurer; Collector of Taxes; one member of the Board of Assessors for three years; Town Clerk; two members of the Board of Public Works for three years; Tree Warden; one member of the Board of Health for three years; one member of the Board of Overseers of the Poor for three years; two members of the School Committee for three years; two Trustees of the Public Library for three years; one member of the Municipal Light Board for three years; two Trustees of Laurel Hill Cemetery for three years; one member of the Planning Board for one year, one member for three years; two Constables; also on the same ballot, "Yes" or "No" in answer to the following question:

Shall licenses be granted for the sale of certain Non-Intoxicating Beverages in this Town?

#### Moderator, One Year

Jesse W. Morton, 114 Woburn St. ....	1372
Blanks .....	159

#### Town Clerk, One Year

Millard F. Charles, 66 Bancroft Ave. ....	1402
Blanks .....	129

#### Selectman, Three Years

Robert E. Parker, 26 Pratt St. ....	1283
Blanks .....	248

#### Overseer of Poor, Three Years

Robert E. Parker, 26 Pratt St. ....	1268
Blanks .....	263

#### Assessor, Three Years

Alvah W. Clark, 232 Main St. ....	858
George E. Horrocks, 25 Pleasant St. ....	621
Blanks .....	52

**Two Members, Board of Public Works, Three Years**

Frank C. Carter, 55 Woburn St.	.....	1226
Miles C. Higgins, 8 Sanborn St.	.....	1115
Blanks	.....	721

**Treasurer, One Year**

Wilfred A. Bancroft, Copeland Ave.	.....	746
Winslow P. Burhoe, 50 Prospect St.	.....	164
William H. Willson, 167 Woburn St.	.....	598
Blanks	.....	23

**Tax Collector, One Year**

Grace V. Viall, 42 Bancroft Ave.	.....	1392
Blanks	.....	139

**Two Constables, One Year**

Edward G. Quinlan, 228 Main St.	.....	1214
Blanks and Scattering	.....	1848

**Board of Health, Three Years**

Christine F. Atkinson, 3 Fulton St.	.....	1258
Blanks	.....	273

**School Committee, Three Years**

Edward E. Harnden, 195 Summer Ave.	.....	684
Ruth A. Lumsden, 116 Summer Ave.	.....	759
Rolland F. Perry, Off Mill St.	.....	353
Marion B. Temple, 50 Hill Crest Road	.....	966
Blanks	.....	300

**Municipal Light Board, Three Years**

Herbert G. Evans, 40 Howard St.	.....	1265
Blanks	.....	266

**Tree Warden, One Year**

Henry M. Donegan, 15 Federal St.	.....	1346
Blanks	.....	185

**Trustees of Laurel Hill Cemetery, Three Years**

Chester P. Eeles, 43 Berkeley St.	.....	1210
Philip M. Tirrell, 225 Main St.	.....	1236
Blanks	.....	616

**Trustees Public Library, Three Years**

Edith Bancroft, 25 Sanborn St.	.....	1295
Arthur N. Mansfield, 107 Woburn St.	.....	1230
Blanks	.....	542

**Planning Board, Three Years**

Willard P. Adden, 119 Woburn St. ....	1245
Blanks .....	286

**Planning Board, One Year**

Robert E. Parker, 26 Pratt St. ....	1178
Blanks .....	353

Shall Licenses be granted for sale of certain Non-Intoxicating Liquors in this Town?

Yes .....	407
No .....	919
Blanks .....	205

The votes were counted and declared in open town meeting and the ballots sealed and delivered to the Town Clerk, whereupon the meeting adjourned to March 10, 1924, in Security Hall, at 7.45 o'clock, P.M.

MILLARD F. CHARLES, Town Clerk.

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**ANNUAL TOWN MEETING**

Security Hall, Woburn St., March 10, 1924.

Pursuant to the annual warrant and the adjourned town meeting, a town meeting was held in Security Hall, Woburn St., and was called to order by the Moderator, Jesse W. Morton.

Article 2. To hear and act on the reports of the Selectmen, Town Accountant, Treasurer, Collector of Taxes, Assessors, Town Clerk, Board of Public Works, Tree Warden, Board of Health, Overseers of the Poor, School Committee, Public Library Trustees, Municipal Light Board, Trustees of Laurel Hill Cemetery, Finance Committee, Planning Board and Special Committees.

Article 2. On motion of Joseph D. Knight, this article was laid on the table.

Article 3. To choose all other necessary town officers and determine what instructions be given town officers.

Article 3. On motion of Joseph D. Knight, the following were voted to serve as Measurers of Lumber for the ensuing year: Ora L. Milbury, Edward B. Eames, Burton K. Symonds, William R. Zwicker, Warren M. Whitehouse, Rolland L. Perry. The following as Measurers of Wood and Bark: Percy N. Sweetser, Burton K. Symonds, Thomas E. Brogan, Warren M. Whitehouse.

On motion of Joseph D. Knight, it was voted that the Selectmen be and they are hereby authorized to appoint a committee of five to investigate advisability of consolidating Town Offices and duties of same, said committee to report to the Town with their recommendations on or before next annual town meeting.

Article 4. To determine how much money the Town will raise and appropriate for General Government, Protection of Persons and Property, Health and Sanitation, Highways, Charities, Soldiers' Benefits, Schools, Public Library, Recreation, Municipal Light Department, Water Department, Cemetery Department, Interest and Insurance.

Article 4. On motion of Joseph D. Knight, it was voted that the sum of fifteen thousand dollars (\$15,000) be appropriated from Excess and Deficiency Account for the payment of notes and bonds maturing in 1924 and that the Town Accountant be authorized to transfer said sum for that purpose.

On motion of Joseph D. Knight, it was voted to raise and appropriate for General Government:

Moderator .....	\$ 60.00
Selectmen's Expenses .....	300.00
Selectmen's Clerical .....	1,310.00
Town Accountant's Salary .....	1,000.00
Treasurer's Salary .....	1,000.00
Treasurer's Expenses .....	400.00
Collector's Salary .....	2,000.00
Collector's Expenses .....	700.00
Collector's Clerical Assistance .....	150.00
Block System Survey .....	250.00
Town Counsel, Salary and Expenses .....	600.00
Town Clerk's Salary .....	350.00
Town Clerk's Expenses .....	500.00
Board of Public Works, Salary of Supt. ....	3,000.00
Board of Public Works, Expenses .....	373.00
Board of Public Works, Clerical Assistance .....	1,027.00
Registrars' Salaries .....	250.00
Election Expenses .....	900.00

On motion of Edward B. Eames, to raise and appropriate \$1,700.00 for Assessors' Expenses and \$1,300.00 for Assessors' Clerical Expenses, and on motion of Arthur G. Bancroft make Assessors' Salaries \$3,600.00

On motion of Albert R. Shepardson, it was voted to lay these two motions on the table.

On motion of Joseph D. Knight, it was voted to raise and appropriate for General Accounts:

Miscellaneous Expenses .....	\$ 3,000.00
Municipal Building Maintenance .....	3,000.00
Central Fire Station, Maintenance and Repairs .....	2,515.00
Victory House Lighting .....	200.00
Lighting G. A. R. Hall .....	25.00
Insurance .....	2,202.04
Interest .....	17,907.50

On motion of Joseph D. Knight, it was voted that the following sums be raised and appropriated for Protection of Persons and Property:

Police Dept., Maintenance .....	\$ 1,443.00
Police Dept. Salaries .....	15,030.30
Chief of Police .....	\$2,242.26
Five Patrolmen .....	9,005.80
Two Patrolmen .....	3,482.24
Police Dept., Special Officers .....	200.00
Fire Dept., Maintenance .....	4,907.00
Fire Dept., Salaries .....	9,686.86
Chief .....	2,242.26
Four Firemen .....	7,444.60
Fire Dept., Call Men, Salaries .....	2,690.00
Fire Alarm Maintenance .....	700.00
Moth Dept., Maintenance .....	6,800.00
Tree Warden, Maintenance .....	1,500.00
Forest Warden, Maintenance .....	500.00
Inspector of Buildings, Salary .....	300.00
Inspector of Wires, Salary .....	100.00
Sealer of Weights and Measures, Salary .....	400.00
Sealer of Weights and Measures, Expenses .....	100.00

On motion of George H. Clough, it was voted that the Town raise and appropriate for:

Hydrant Rentals .....	\$ 6,240.00
Drinking Fountains .....	100.00

and the above-named sums, together with the Water Dept. receipts, estimated at \$35,180.00, and the balance on hand, Jan. 1, 1924, \$2,485.67, be appropriated for interest on water bonds, maintenance of Water Works and main and service pipes, and that \$12,000.00 of the above-mentioned amount be paid by the Water Dept. to the Town Treasurer to be used in full payment of water bonds.

On motion of Joseph D. Knight, it was voted to raise and appropriate the following sums for Health and Sanitation:

Salaries, Board of Health .....	\$ 250.00
Expenses, Board of Health .....	700.00
Inspector of Plumbing, Salary .....	700.00
Inspector of Animals, Salary .....	200.00
Inspector of Milk, Salary .....	100.00
Care of Contagious Diseases .....	1,200.00
Garbage Collection .....	2,438.70

On motion of George H. Clough, it was voted to raise and appropriate the sum of fifty thousand dollars for construction, maintenance and repairs of highways, the purchase of materials, tools and appliances, and for payment of any other incidental expenses pertaining thereto (\$50,000.00).

On motion of George H. Clough, it was voted to raise and appropriate the sum of three thousand dollars for cleaning drainage ditches (\$3,000.00).

For removing snow and ice, four thousand dollars (\$4,000.00).

On motion of William G. Long, it was voted that there be included in the tax levy for electricity used for street lights the sum of twelve thousand dollars, and that said sum and the income from sales of electricity to private consumers and for electricity supplied to municipal buildings and for electricity supplied for municipal power, and from sales of appliances and jobbing during the current fiscal year, be appropriated for the Municipal Lighting Plant, the whole to be expended by the Manager of municipal lighting under the direction and control of the Municipal Light Board for the expense of the plant for said fiscal year as defined in Section 57 of Chapter 164 of the General Laws; and that if said sum and said income shall exceed said expenses for said fiscal year, such excess shall be transferred to the construction fund of said plant and appropriated and used for such additions thereto as may thereafter be authorized by the Municipal Light Board; and said Board is further authorized to transfer from the operation fund to the construction fund an amount not exceeding five thousand dollars to be expended for new construction during 1924—(\$12,000.00).

On motion of Joseph D. Knight, it was voted that the following sums be raised and appropriated for Charities and Aid:

Poor Dept., Maintenance .....	\$ 5,000.00
Poor Dept., Clerical .....	352.00
Poor Dept., Visitor's Salary .....	400.00
Board and Care .....	2,500.00
Poor Dept., Mothers' Aid .....	4,000.00
Poor Dept., Temporary Aid .....	2,000.00

On motion of Joseph D. Knight, it was voted that the following sums be raised and appropriated for Temporary Aid:

<b>Soldiers' Benefits</b>	
State Aid .....	\$ 500.00
Military Aid .....	200.00
Soldiers' Relief .....	3,000.00

#### **Recreation**

On motion of George H. Clough, and as amended by Mary F. Daniel, it was voted to raise and appropriate for:

Care of Parks, Common and Supervised Play, twenty-seven hundred and fifty dollars (\$2,750.00).

On motion of Walter S. Parker, as amended by Otis B. Ruggles, it was voted to raise and appropriate five hundred dollars for Memorial Day Observance, to be expended under the direction of Veteran Post No. 194, G. A. R. (\$500.00).

On motion of Walter S. Parker, it was voted to raise and appropriate the following sums for Education and School Maintenance:

School Dept., Gen. Maintenance .....	\$ 37,822.50
School Dept., Salaries .....	113,176.58
School Dept., Agricultural Maintenance .....	500.00
School Dept., Agricultural Salaries .....	4,500.00
School Dept., Tuition .....	800.00

#### Public Library

On motion of Arthur N. Mansfield, it was voted to raise and appropriate for the Public Library:

Public Library, Maintenance .....	\$ 2,950.00
Public Library, Salaries .....	2,250.00

#### Laurel Hill Cemetery

On motion of Galen A. Parker, it was voted to raise and appropriate for the care of Laurel Hill Cemetery, eight thousand three hundred dollars (\$8,300.00).

Article 5. To see if the town will raise and appropriate the following sums: To balance overdraft in Overlay 1922, \$41.25; Insurance Account, \$462.93; Poor Department Account, \$1,184.95; Mothers' Aid Account, \$346.56; Temporary Aid Account, \$109.05; Industrial Tuition Account, \$308.36; Total, \$2,453.10; or what it will do in relation thereto.

Article 5. On motion of Leon G. Bent, it was voted that the sum of \$438.56 be appropriated from Excess and Deficiency Account, and \$2,014.54 be raised and appropriated to balance overdrafts in the following accounts: Overlay, 1922, \$41.25; Insurance, \$462.93; Poor Dept., \$1,184.95; Mothers' Aid, \$346.56; Temporary Aid, \$109.05; Industrial Tuition, \$308.36; Total, \$2,453.10. (\$2,014.54.)

Article 6. To see if the Town will raise and appropriate the sum of five thousand dollars (\$5,000.00) for the Reserve Fund as provided by Sect. 6, Chap. 40, General Laws, or what it will do in relation thereto. (Town Accountant.)

Article 6. On motion of Leon G. Bent, it was voted that the sum of \$3,500.00 be appropriated from the Excess and Deficiency Account for the Reserve Fund, and that the Town Accountant be authorized to transfer said sum to the Reserve Fund.

Article 7. To see if the Town will authorize the Treasurer, with the approval of the Selectmen, to borrow money from time to time in anticipation of the revenue of the financial year beginning January 1, 1924, and to issue a note or notes therefor, payable within one year, any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Article 7. On motion of Wilfred A. Bancroft, it was voted that the Treasurer be authorized, with the approval of the Selectmen, to borrow money from time to time, in anticipation of the revenue of the financial year beginning Jan. 1, 1924, and to issue a note or notes therefor, payable within one year, any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Article 8. To see if the Town will vote to authorize the Treasurer, with the approval of the Selectmen, to renew or refund any notes issued in anticipation of revenue for a period of less than one year, in accordance with the provisions of Sec. 17, Chap. 44, General Laws, or what it will do in relation thereto.

Article 8. On motion of Wilfred A. Bancroft, it was voted that the Treasurer be authorized, with the approval of the Selectmen, to renew or refund any notes issued in anticipation of revenue for a period of less than one year, in accordance with Sect. 17, Chap. 44, of the General Laws.

Article 9. To see if the Town will raise and appropriate or otherwise provide the sum of three hundred and sixty dollars (\$360.00) for the purpose of providing suitable quarters for Veteran Post 194, G. A. R., in accordance with Sect. 5, Chap. 40, General Laws, or what it will do in relation thereto.

Article 9. On motion of Walter S. Parker, it was voted that the sum of \$360.00 be raised and appropriated for the purpose of providing suitable quarters for Veteran Post No. 194, G. A. R., in accordance with Sect. 5, Chapter 40, of the General Laws. (\$360.00.)

Article 10. To see if the Town will raise and appropriate or otherwise provide the sum of five hundred dollars (\$500.00) for the care of graves of any person who has served in the Army, Navy or Marine Corps of the United States in time of war or insurrection, and has been honorably discharged from such service, as provided in Chap. 115, Sect. 22, of the General Laws, or what it will do in relation thereto.

(Selectmen.)

Article 10. On motion of Joseph D. Knight, it was voted that the sum of \$500.00 be raised and appropriated for the care of graves of any person who has served in the Army, Navy, or Marine Corps of the United States in time of war or insurrection and has been honorably discharged from such service, as provided in Chapter 115, Section 22, of the General Laws. (\$500.00.)

Article 11. To see what amount the Town will raise and appropriate to pay its share of the cost of constructing the approaches to the Lowell Street Bridge, payment to be made in accordance with a decree of the County Commissioners, or what it will do in relation thereto.

(Selectmen.)

Article 11. On motion of Joseph D. Knight, it was voted that the sum of \$6,710.92 be raised and appropriated to pay the share of the Town toward the cost of constructing the approaches to the Lowell St. Bridge, said amount to be expended in accordance with the decree of the County Commissioners. (\$6,710.92.)

Article 12. To see if the Town will raise and appropriate, or otherwise provide, the sum of \$186.50, to reimburse Owen McKenney and Edward W. Tasney to the amounts of \$140.50 and 46.00 respectively, for

losses incurred in consequence of injuries suffered in the line of duty while fighting fires. (Selectmen.)

Article 12. On motion of Joseph D. Knight, it was voted that the sum of \$186.50 be raised and appropriated to reimburse Owen McKenney and Edward W. Tasney to the amounts of \$140.50 and \$46.00 respectively, for losses incurred in consequence of injuries suffered in the line of duty while fighting fires.

Article 13. To see if the Town will authorize the construction of a Police Station, so-called, providing facilities for the Police Department and a Town Lock-Up, and will raise and appropriate, by borrowing or otherwise, \$90,000, or a greater or less amount, therefor, or what it will do in relation thereto.

Article 13. On motion, it was voted to recommit the substance of this Article to the Committee with instructions to bring in plans and specifications to complete the said mentioned Police Station and Town Lock-Up for a sum less than \$60,000.00.

Article 14. To see if the Town will authorize the Selectmen to supervise the construction of the proposed Police Station, with full power to act in behalf of the Town, and with authority to make contracts, and to do every other necessary thing in the name of the Town in connection with the erection and completion of said Police Station, including facilities for the Police Department and for the Town Lock-Up, substantially as proposed in plans and specifications prepared and submitted by Messrs. Adden & Parker, Architects, but with such modifications as the Selectmen may consider necessary in the progress of the work, or what it will do in relation thereto.

Article 14. It was voted to pass over.

Article 15. To see if the Town will authorize the appointment of a committee to revise the building laws. (Selectmen.)

Article 15. On motion of Joseph D. Knight, it was voted that the Moderator be authorized to appoint a committee of five citizens to revise the Building Laws.

Article 16. To see if the Town will accept Sections 6 to 11, inclusive, of Chapter 143 of the General Laws and Amendments thereof and additions thereto, relating to the inspection of buildings and the removal of dangerous and unsafe features in connection therewith, or what it will do in relation thereto.

Article 16. On motion of Joseph D. Knight, it was voted that the Town accept Sections 6 to 11, inclusive, of Chapter 143 of the General Laws and Amendments thereof and additions thereto, relating to the inspection of buildings and the removal of dangerous and unsafe features in connection therewith.

Article 17. To see if the Town will accept the provisions of Chap. 26 of the Acts of 1923; an act amending Chap. 41 of the General Laws, by inserting after Sect. 34. the following new section: Section 34a. In any

city or town accepting this section, in a city by vote of the city council or in a town by vote of the voters thereof, the Overseers of the Poor shall thereafter be known as the Board of Public Welfare; but said change of name shall in no respect affect the rights, powers, duties or tenure of office of said Overseers. This section shall not apply to a city or town in which the Overseers of the Poor are incorporated.

(Selectmen.)

Article 17. On motion of Joseph D. Knight, it was voted that the Town accept the provisions of Chapter 26 of the Acts of 1923; an Act amending Chapter 41 of the General Laws, by inserting after Sect. 34 the following new section: Section 34a: In any city or town accepting this section, in a city by vote of the City Council or in a town by vote of the voters thereof, the Overseers of the Poor shall thereafter be known as the Board of Public Welfare; but said change of name shall in no respect affect the rights and powers, duties or tenure of office of said Overseers. This section shall not apply to a city or town in which the Overseers of the Poor are incorporated.

Article 18. To see if the Town will raise and appropriate the sum of six hundred ninety-three dollars and fifty cents (\$693.50) for the installation of two traffic beacons and six crossroad lights, or what it will do in relation thereto.

(Selectmen.)

Article 18. On motion of Joseph D. Knight, it was voted that the sum of \$693.50 be raised and appropriated for the installation of two traffic beacons and six crossroad lights. (\$693.50.)

Article 19. To see if the Town will raise and appropriate by borrowing, or otherwise, the sum of twenty thousand dollars (\$20,000) for the construction of a storm water drain on High Street from about the intersection of Woburn Street to and across Washington Street, with the necessary catch basins, manholes and connections thereto, and street and sidewalk grading made necessary by said construction, or what it will do in relation thereto.

(Board of Public Works.)

Article 19. On motion of George H. Clough, it was voted to raise and appropriate \$20,000.00 for the purpose of constructing a storm water drain on High Street, from about the intersection of Woburn Street, to and across Washington Street, with the necessary catch basins, manholes and connections. (\$20,000.00.)

Article 20. To see if the Town will raise and appropriate the sum of twenty-one hundred and forty dollars and twenty-six cents (\$2,140.26) for payment of bills of the School Department incurred in excess of appropriation for 1923, or what it will do in relation thereto.

(School Committee.)

Article 20. On motion of Walter S. Parker, it was voted to raise and appropriate \$2,140.26 for payment of bills of the School Department incurred in excess of appropriation for 1923. (\$2,140.26.)

Article 21. To see if the Town will authorize the Trustees of Laurel Hill Cemetery to purchase approximately 16,950 sq. ft. of land with

buildings thereon, consisting of the easterly portion of the Dexter Clapp Estate adjoining the Cemetery, and for the purpose of extending the Cemetery, and to appropriate the sum of six hundred and fifty-eight dollars and fifty cents (\$658.50) from the Cemetery Reserve Fund to pay for same, or what it will do in relation thereto. (Cemetery Trustees.)

Article 21. On motion of Galen A. Parker, it was voted that the Trustees of Laurel Hill Cemetery be and are hereby authorized to purchase approximately 16,950 sq. ft. of land with buildings thereon, consisting of the easterly portion of the Dexter Clapp Estate, adjoining the Cemetery, for the purpose of extending the Cemetery, and to appropriate the sum of \$658.50 from the Cemetery Reserve Fund to pay for the same.

Article 22. To see if the Town will raise and appropriate or otherwise provide the sum of six thousand dollars (\$6,000.00) \$3,972.67 for the purchase of land and buildings thereon, containing approximately nine acres, and located at Forest and Pearl Streets, and \$2,027.33 for survey and preliminary work on same, for the purpose of providing a new cemetery for the Town of Reading, or what it will do in relation thereto.

(Cemetery Trustees.)

Article 22. On motion of Galen A. Parker, it was voted that the Town raise and appropriate the sum of \$6,000.00, of which \$3,972.67 shall be for the purchase of land and buildings thereon, containing approximately nine acres, located at Forest and Pearl Streets, and \$2,027.33 for survey and preliminary work on the same for the purpose of providing a new Cemetery for the Town of Reading. (\$6,000.00.)

Article 23. To see what action the Town will take regarding the installation of additional lights on the public streets during 1924.

(Municipal Light Board.)

Art. 23.—On motion of William G. Long, it was voted that the subject matter of Article 23 be referred to the Municipal Light Board, with authority to install such lights as in their judgment are necessary, and to make such changes in existing lights as may be advisable, the cost of the same to be paid from the Depreciation Fund.

Article 24. To see if the Town will raise and appropriate the sum of three hundred dollars (\$300.00) for Child Welfare Work, to be expended under the direction of the Reading Visiting Nurse Association and the Board of Health, or what it will do in relation thereto.

(Elizabeth H. Brown and others.)

Article 24. On motion of Elizabeth H. Brown, it was voted that the sum of \$300.00 be raised and appropriated for Child Welfare Work to be expended under the direction of the Reading Visiting Nurse Association and the Board of Health. (\$300.00.)

Article 25. To see if the Town will vote to raise and appropriate the sum of \$200.00 and the Selectmen appoint a director, the money to be expended by and the director to serve in co-operation with the County

Agricultural Trustees of the Middlesex County Extension Service in Agriculture and Home Economics under the provisions of Sections 40 to 45, Chapter 128, General Laws of Massachusetts. (Rolland L. Perry)

Article 25. On motion of Rolland L. Perry, it was voted that the sum of two hundred dollars be raised and appropriated and the Selectmen appoint a Director, the money to be expended by and the Director to serve in co-operation with the County Agricultural Trustees of the Middlesex County Extension Service in Agriculture and Home Economics under the provisions of Sections 40 to 45, Chapter 128, of the General Laws. (\$200.00.)

Article 26. To see if the Town will raise and appropriate the sum of five thousand dollars (\$5,000.00) to be expended by the Board of Public Works in preparing plans and other information necessary to the establishing of building lines, or what it will do in relation thereto.

(Charles S. Hasty and others.)

Article 26. On motion of Charles S. Hasty, it was voted to raise and appropriate the sum of \$2,500.00, to be expended by the Board of Public Works in preparing plans and other information necessary to the establishing of building lines. (\$2,500.00.)

Article 27. To see if the Town will raise and appropriate the sum of five hundred dollars (\$500.00) for the maintenance and upkeep of the Athletic Field, to be expended under the supervision of the Board of Public Works, or what it will do in relation thereto.

(George E. Horrocks and others.)

Article 27. The motion of George E. Horrocks to raise and appropriate \$500.00 as per article was not carried. Sixty-eight voted "Yes" and 123 voted "No".

Article 28. To see if the Town will vote to amend Section 1 of Article 6 of the By-Laws by striking out the words "a member of the committee without vote" and substituting therefor the words "Clerk of the Committee." Also by adding to this Section the words "Eight members shall constitute a quorum." Also to amend Section 2 of Article 6 by striking out the words "and Clerk."

(Albert R. Shepardson and others.)

Article 28. On motion of Albert R. Shepardson, it was voted that Section 1 of Article 6 of the By-Laws be amended by striking out the words, "a member of the committee without vote" and substituting therefor the words, "Clerk of the Committee"; also by adding to this section the words "Eight members shall constitute a quorum"; also that Section 2 of Article 6 be amended by striking out the words, "and Clerk".

Article 29. To see if the Town will raise and appropriate the sum of four hundred and fifty dollars (\$450.00) to cover the expense of moving the bandstand from the Common to Memorial Park, also for new foundation, repairing of bandstand, if necessary, and beautifying the Common, or what it will do in relation thereto.

(Charles S. Hasty and others.)

Article 29. The motion of Charles S. Hasty as per Article 29 was not voted.

Article 30. To see if the Town will raise and appropriate a sufficient sum to install a Fire Alarm Box at the corner of Howard Street and Hill Crest Road, or what it will do in relation thereto.

(Leone F. Quimby and others.)

Article 30. On motion of Leone F. Quimby, it was voted that a fire alarm box be installed at the corner of Howard Street and Hill Crest Road and the expense for same be charged to the Fire Alarm Appropriation.

Article 31. To see if the Town will vote to adopt an ash-collecting system and to see how much money it will raise and appropriate for that purpose, or what it will do in relation thereto.

(J. E. Frost and others.)

Article 31. On motion of J. Edward Frost, it was voted that the Moderator appoint a committee of six citizens, which will include a member of the Board of Health, to investigate the question of an ash-collecting system in Reading, the Committee to report at the next Town Meeting.

Article 32. To see if the Town will vote to appoint a committee to study and report on the advisability of adopting the Limited Form of Town Meeting, or what it will do in relation thereto.

(Charles S. Hasty and others.)

Article 32. On motion of Charles S. Hasty, it was voted that the Moderator appoint a committee to study and report on the advisability of adopting the limited form of town meeting.

Article 33. To see if the Town will vote to accept Libby Avenue as a Public Way, or what it will do in relation thereto.

(Arthur A. Gilmet and others.)

Article 33. It was voted to indefinitely postpone this article.

Article 4. Voted to take this article from the table; and it was voted to raise and appropriate the following sums for the Board of Assessors' Dept.:

Salary of Assessors .....	\$ 1,800.00
Clerk Hire .....	1,300.00
Expenses .....	1,700.00

Article 3. Voted to take this article from the table.

On motion of John L. Devaney, it was voted that a committee of three be appointed by the Moderator to determine the feasibility of having the Assessors appointed by the Selectmen, and also to determine the proper compensation to be paid the Assessors, and to report at the next town meeting.

Voted to lay this article on the table.

Article 2. Voted to take this article from the table.

On motion of Joseph D. Knight, it was voted to accept reports of Town Officers as printed and to accept report of Finance Committee.

Voted to adjourn without date.

MILLARD F. CHARLES, Town Clerk.

### PRESIDENTIAL PRIMARIES

Security Hall, April 29, 1924.

A Primary was held as per warrant and was called to order by the chairman of the Board of Selectmen, Joseph D. Knight, at 5.45 o'clock, A. M. The warrant was read and the following Ballot Clerks and Tellers were duly sworn by the Town Clerk: Mrs. C. F. Atkinson, Mrs. Mary F. Daniel, Mrs. Marion P. Allen, Mrs. Jessie N. Thaxter, Mrs. Katherine E. Riley, Mrs. Mary C. Barrett, Miss Philomena Doucette, Mrs. Katherine E. Murray, Mrs. Mary L. Baker, F. L. Springford, Jr., Richard N. B. Wilson, George L. Flint, William W. Atkinson, Charles E. Mellen, George M. Hutchinson, Charles A. Sullivan, James A. Waters, Ernest A. Clapp.

The ballot boxes were duly examined and the keys delivered to the Constable in charge, Edward G. Quinlan. The ballots were delivered to chairman and the polls were duly declared open. The polls were duly closed at 4.30 o'clock P. M.

The ballots were duly counted and declared as follows:

#### Republican Party—Delegates at Large

Channing H. Cox, Boston .....	299
Henry Cabot Lodge, Nahant .....	296
Frederick H. Gillett, Springfield .....	298
William M. Butler, Boston .....	294
John H. Sherburne, Brookline .....	295
Anna C. Bird, Walpole .....	296
Jessie A. Hall, Worcester .....	297
Blanks .....	81

#### Alternate Delegates at Large

Pauline R. Thayer, Lancaster .....	290
Elizabeth Putnam, Boston .....	290
Charles H. Innis, Boston .....	278
John Jacob Rogers, Lowell .....	292
Robert M. Stevens, Pittsfield .....	286
Mary B. Browne, Salem .....	289
Spencer Borden, Jr., Fall River .....	284
Blanks .....	147

#### District Delegates, Fifth District

Charles S. Smith, Lincoln .....	296
Kimball G. Colby, Methuen .....	289
Blanks .....	31

**Alternate District Delegates, Fifth District**

Victor Francis Jewett, Lowell .....	268
Charles P. Howard, Reading .....	282
Blanks .....	66
Whole number votes cast .....	308

**Democratic Party—Delegates at Large**

David I. Walsh, Fitchburg .....	39
Arthur Lyman, Waltham .....	23
Joseph B. Ely, Westfield .....	24
John F. Doherty, Boston .....	30
Helen A. MacDonald, Boston .....	23
Susan W. Fitzgerald, Boston .....	27
Rose Herbert, Worcester .....	18
Mary E. Meehan, Boston .....	19
Charles H. Cole, Boston .....	30
Blanks .....	159

**Alternate Delegates at Large**

Arthur J. B. Cartier, Fall River .....	20
William A. O'Hearn, North Adams .....	31
Jeremiah J. Healey, Natick .....	23
Edward A. Ginsberg, Brookline .....	21
Dorothy Whipple Frye, Brookline .....	20
Mary H. Quincy, Boston .....	21
Anne O'Keefe Heffernan, Northampton .....	23
Mary Bacigalupo, Boston .....	15
William H. Doyle, Malden .....	27
Blanks .....	191

**District Delegates, Fifth District**

Andrew E. Barrett, Lowell .....	5
Patriek W. Cox, Lowell .....	6
John W. Daly, Lowell .....	7
John H. Gilbride, Lowell .....	4
Bernard J. Golden, Woburn .....	41
Katherine F. McCarthy, Lowell .....	7
Peter P. McMenimon, Lowell .....	2
Humphrey O'Sullivan, Lowell .....	16
Walter H. Wilcox, Woburn .....	38
Blanks .....	76

**Alternate District Delegates, Fifth District**

Michael H. Hoar, Lowell .....	18
John J. Mullaney, Lowell .....	20
Blanks .....	158
Whole number of votes cast .....	49

MILLARD F. CHARLES, Town Clerk.

## SPECIAL TOWN MEETING

Security Hall, Reading, May 26, 1924.

Pursuant to the warrant a town meeting was held at the place and time specified, and was called to order by the Moderator, Jesse W. Morton. The Town Clerk, Millard F. Charles, partially read the town warrant, when it was voted to dispense with further reading except the Constable's return, which was duly read.

Article 1. To hear and act on the reports of Town Officers and Special Committees and determine what instructions will be given the Town Officers.

Article 1. Report of Committee on Police Station.

To the Town of Reading:

Pursuant to vote of the Town at the last meeting in March, we have been working to carry out the expressed desire of the voters that we present something less expensive than the plan which was recommended by us at that time. There are certain essential items which enter into the problem, and which must be included in any layout which is to be at all adequate to the needs of the Department.

First:—Taking the exterior of the building, we believe that the Town wants it to present a substantial, attractive and creditable appearance.

Second: Construction:—This certainly should be fireproof, solid, durable, built of good material and put up in a workmanlike manner.

Third: Interior Finish:—Not ornate or elaborate but neat, plain and of good quality of wood properly applied so that we may have a suitable building for years to come, of which we need not be ashamed or be continually annoyed by the necessity of repairs.

Fourth:—In any scheme worth considering there must be the following:—Public Waiting Room, General Office, Chief's Room, Detention Room, Emergency Room and Toilet, side entrance and hallway for prisoners, Lockup with suitable cell and toilet facilities, Locker Room and Toilets for the Officers, Storage Room.

After many meetings and the consideration of a great number of sketches, your committee recommends a plan which includes the above features, and also garage accommodations for three cars, wherein may be stored the Police car and two other municipal cars, at a considerable saving in storage charges each month. This plan is in reality a modification of the previous one submitted in March, being smaller in area, one story and a basement, eliminating the elevator and also the bedrooms, guard room, etc., that were shown on the second floor of the original plan.

We have cut this down to what we believe is a minimum of space and cost. There is no unassigned room, every bit of space being essential to the proper conduct of the work of the department, but a second story may be added when the Town finds it necessary, and the specifications call for construction with that in view.

We have estimates which assure us that this building can be constructed, equipped and turned over to the Town at a total cost somewhat under \$50,000.00, and while, of course, it is not comparable in space and desirability with our first plan, we believe that it will serve the present need and meet the wishes of the voters in their desire to economize.

Respectfully submitted,

H. RAYMOND JOHNSON,  
JOSEPH D. KNIGHT,  
JESSE W. MORTON,  
FREDERICK L. SPRINGFORD,  
CHESTER J. WALLACE.

On motion of Otis B. Ruggles, it was voted to accept report of Committee and that said Committee be discharged.

It was voted to lay Article 1 on the table.

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Article 2. To see if the Town will authorize the construction of a Police Station, so-called, providing facilities for the Police Department and a Town Lock-Up, and raise and appropriate, by borrowing or otherwise, \$50,000.00 or a greater or less amount therefor, or what it will do in relation thereto.

(Selectmen.)

Article 2. On motion of Joseph D. Knight, it was voted that the sum of \$50,000 be raised and appropriated for the purpose of erecting, equipping and furnishing a building to be used as a Police Station and Town Lockup; that \$3,000.00 of said sum be raised and appropriated from the tax levy of the current year; and that the Town Treasurer, with the approval of the Selectmen, be and he hereby is authorized, to borrow for the above purposes the balance of said sum, to wit: \$47,000.00 and to issue bonds or notes of the Town therefor, which shall be payable in accordance with the provisions of Chapter 44 of the General Laws and Acts in amendment therefor or in addition thereto, so that the whole loan shall be paid in not more than twenty (20) years from the date of the first issue of said bonds or notes.

Seventy-four (74) voted "Yes" and 78 voted "Nay" and the motion was declared lost.

On motion of Albert R. Shepardson, it was voted to refer the matter of a new Police Station and Lockup to the next annual town meeting.

Article 3. To see if the Town will authorize the Selectmen to supervise the construction of the proposed Police Station with full power to act in behalf of the Town, and with authority to make contracts and do every other necessary thing in the name of the Town in connection with

the erection and completion of said Police Department and for the Town Lockup, substantially as proposed in plans and specifications in the hands of the committee, but with such modifications as the Selectmen may consider necessary in the progress of the work, or what it will do in relation thereto.

(Selectmen.)

Article 3. It was voted to pass over.

Article 4. To see if the Town will appropriate the sum of \$650.00, the amount of insurance received on Prospect Street School boiler, to reimburse the School Dept., General Maintenance Account, for cost of boiler repairs, or what it will do in relation thereto.

(Town Accountant.)

Article 4. On motion of Leon G. Bent, it was voted that the sum of \$650.00, the amount received for insurance on Prospect Street School boiler, be appropriated to reimburse the School Department, Maintenance Account, and that the Town Accountant be authorized to transfer said sum to the School Dept. Account.

It was voted to adjourn without date.

MILLARD F. CHARLES, Town Clerk.

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#### STATE PRIMARY

Security Hall, Reading, Sept. 9, 1924.

Pursuant to the warrant a Primary was held at the time and place specified and was called to order by the chairman of the Board of Selectmen, Joseph D. Knight. The warrant was partially read when it was voted to dispense with further reading except the Constable's return, which was duly read. The ballot boxes were examined and found empty and registering 0000 and the keys were delivered to the Constable in charge, Edward G. Quinlan. The following Ballot Clerks and Tellers were duly sworn by the Town Clerk: Frederick L. Springfield, Jr., Ernest A. Clapp, Katherine E. Murray, Jessie N. Thaxter, Mary L. Baker, Martin Halloran.

Tellers: Marion P. Allen, Percy E. Anderson, Charles E. Mellen, Edward G. Quinlan, Frank Tanner, Walter Standish, Christine F. Atkinson, Mary L. Doran, William D. Quillen, Mary C. Barrett, Catherine L. Doherty, Philomena Doucette, Helen G. Quinlan, Charles A. Sullivan, James H. Fleming, Jesse N. Hutchinson.

The polls were declared open and were closed at time mentioned in the warrant. The ballot boxes registered 1837; the check lists showed that 1849 had voted and the Tellers counted 1849 ballots with the following result: Eighty Democratic and 1769 Republican ballots were cast.

**REPUBLICAN BALLOT****Governor**

Alvan T. Fuller of Malden .....	1281
James Jackson of Westwood .....	453
Blanks .....	35

**Lieutenant-Governor**

Frank G. Allen of Norwood .....	1608
Blanks .....	161

**Secretary**

Frederick W. Cook of Somerville .....	1540
Blanks .....	229

**Treasurer**

Otis Allen of Lowell .....	225
William A. Allen of Boston .....	103
James W. Bean of Cambridge .....	205
Fred. J. Burrell of Medford .....	251
Horace A. Keith of Brockton .....	116
William S. Youngman of Boston .....	472
Blanks .....	297

**Auditor**

Herbert W. Burr of Boston .....	304
Alonzo B. Cook of Boston .....	811
Harold D. Wilson of Somerville .....	383
Blanks .....	271

**Attorney-General**

Jay R. Benton of Belmont .....	1468
Blanks .....	301

**Senator in Congress**

Louis A. Coolidge of Milton .....	373
Frederick W. Dallinger of Cambridge .....	508
Frederick H. Gillett of Springfield .....	805
Blanks .....	83

**Congressman**

John Jacob Rogers of Lowell .....	1516
Blanks .....	253

**Senator, 7th Middlesex Dist.**

Vernon W. Evans of Saugus .....	121
Charles P. Howard of Reading .....	1604
Blanks .....	44

**... Councillor, 6th Dist.**

Frank R. Bailey of Lowell .....	384
Abel R. Campbell of Lowell .....	153
Charles S. Smith of Lincoln .....	785
Blanks .....	447

**Representative in General Court, 18th Middlesex Dist.**

Louis Ellenwood of Reading .....	1150
Gustave W. Everberg of Woburn .....	881
Lemuel W. Standish of Stoneham .....	850
Blanks .....	657

**County Commissioners, Middlesex County**

William G. Andrew of Somerville .....	512
Alfred L. Cutting of Weston .....	866
Andrew L. Wardwell of Cambridge .....	249
Walter C. Wardwell of Cambridge .....	876
Blanks .....	1035

**Register of Probate and Insolvency, Middlesex County**

Arthur C. Coker of Somerville .....	185
Charles N. Harris of Winchester .....	845
Russell A. Wood of Cambridge .....	280
Blanks .....	459

**Treasurer, Middlesex County**

Charles E. Hatfield of Newton .....	1439
Blanks .....	360

**State Committee, 7th Middlesex Dist.**

Chester W. Clark of Wilmington .....	1097
Blanks .....	672

**Delegates to the State Convention**

Arthur S. Cook .....	1391
Edward B. Eames .....	1398
A. Gertrude Killam .....	1401
Josephine L. Fowler .....	1372
Raymond B. Temple .....	1422
McPherson Daniel .....	1409
Harold F. Parker .....	1431
Maud D. K. Bredbury .....	1379
Katherine G. Howard .....	1420
Willie E. Twombly .....	15
Blanks .....	5052

**Town Committee**

Arthur S. Cook .....	1304
Mary F. Daniel .....	1261
Edward B. Eames .....	1239

Louis Ellenwood .....	1276
James W. Fairchild .....	1272
Josephine L. Fowler .....	1232
J. Edward Frost .....	1263
Helen R. Grimes .....	1264
A. Gertrude Killam .....	1253
Elmer E. Knight .....	1247
Lillian J. Knight .....	1224
Harold F. Parker .....	1281
Annie E. Patrick .....	1240
Raymond B. Temple .....	1294
Grace L. Twombly .....	1292
Blanks .....	7593

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### DEMOCRATIC PARTY

<b>Governor</b>	
James M. Curley of Boston .....	74
Blanks .....	6
 <b>Lieutenant-Governor</b>	
Thomas J. Boynton of Arlington .....	26
John J. Cummings of Boston .....	30
William A. O'Hearn of North Adams .....	14
Blanks .....	10
 <b>Secretary</b>	
H. Oscar Rocheleau of Worcester .....	53
Blanks .....	27
 <b>Treasurer</b>	
Michael L. Eisner of Pittsfield .....	57
Blanks .....	23
 <b>Auditor</b>	
Blanks .....	80
 <b>Attorney-General</b>	
John E. Swift of Medford .....	56
Blanks .....	24
 <b>Senator in Congress</b>	
David I. Walsh of Fitchburg .....	75
Blanks .....	5
 <b>Congressman, 5th Dist.</b>	
Humphrey O'Sullivan of Lowell .....	61
Blanks .....	19
 <b>Councillor, 6th Dist.</b>	
Barney J. Golden of Woburn .....	8
Blanks .....	72

	<b>Senator, 7th Middlesex Dist.</b>	
Blanks .....		80
<b>Representatives in General Court, 18th Middlesex Dist.</b>		
George L. Flint of Reading .....		57
George F. A. McDougall of Reading .....		34
Walter H. Wilcox of Woburn .....		26
Blanks .....		43
<b>County Commissioners, Middlesex County</b>		
Blanks .....		160
<b>Register of Probate and Insolvency, Middlesex County</b>		
John J. Butler of Wakefield .....		63
<b>Treasurer, Middlesex County</b>		
Blanks .....		17
<b>County Treasurer, Middlesex County</b>		
Charles E. Hatfield of Newton .....		24
Daniel F. McBride of Medford .....		34
Blanks .....		22
<b>State Committee, 7th Middlesex Dist.</b>		
Jerome J. O'Leary of Wilmington .....		6
Blanks .....		74
<b>Delegates to the State Convention</b>		
Catherine E. Reilly .....		58
Margaret A. Canty .....		63
Kittie M. Bangs .....		47
Blanks .....		138
<b>Town Committee</b>		
Kittie M. Bangs .....		26
Margaret A. Canty .....		39
Millard F. Charles .....		36
George L. Flint .....		33
Frank E. Gray .....		37
John W. Haley .....		27
George F. A. McDougall .....		33
Owen McKenney .....		45
Catherine E. Reilly .....		35
James A. Waters .....		28
Blanks .....		461

The ballots were counted and declared in open town meeting and sealed and delivered to the Town Clerk.

MILLARD F. CHARLES, Town Clerk.

## SPECIAL TOWN MEETING

Security Hall, Reading, Oct. 6, 1924.

Town meeting was called to order at 7.45 P. M. by the Moderator, Jesse W. Morton. In the absence of the Town Clerk, Leon G. Bent was elected by ballot to serve as temporary Clerk and was duly sworn by the Moderator.

The warrant was partially read, when it was voted to dispense with further reading except the Constable's return: After reading the Constable's return, the meeting proceeded to business.

Article 1. To hear and act on the reports of town officers and special committees and determine what instructions will be given the town officers.

Art. 1. Joseph D. Knight moved to lay Art. 1 on the table and it was so voted.

Art. 2. To see if the Town will accept the report of the Board of Public Works establishing a building line on the southwesterly corner of Prescott Street and Summer Avenue and on property of William F. Wehrle; such building line being established by such report twenty-five (25) feet from the southerly line of Prescott Street and twenty-five (25) feet from the westerly line of Summer Avenue; said report having been duly filed in the office of the Town Clerk, or what it will do in relation thereto.

Board of Public Works.

Art. 2. On motion of James W. Grimes, it was voted to indefinitely postpone this article.

Art. 3. To see if the Town will accept the building line as established by the Board of Public Works on the property of one William F. Wehrle, situated on the southwesterly corner of Prescott Street and Summer Avenue, said line being established twenty-five (25) feet from the southerly line of Prescott Street and twenty-five (25) feet from the westerly line of Summer Avenue; or what it will do in relation thereto.

Board of Public Works.

Art. 3. On motion of James W. Grimes, it was voted to indefinitely postpone this Article.

Art. 4. To see if the Town will authorize the Board of Selectmen to sell certain parcels of real estate acquired by the Town by foreclosure for non-payment of taxes, or what it will do in relation thereto.

Board of Selectmen.

Art. 4. On motion of Joseph D. Knight, it was voted that the Selectmen be, and they hereby are authorized and directed to sell upon such terms and conditions as to them shall seem expedient, all parcels of land with the buildings thereon which have heretofore been taken by the Town for non-payment of taxes and concerning which petitions to foreclose the tax liens thereon have been filed in the Land Court.

Art. 5. To see if the Town will authorize the Municipal Light Board to execute a contract with the Edison Electric Illuminating Company of Boston, for the purchase by the Town of electricity in bulk, or what it will do in relation thereto.

Municipal Light Board.

Art. 5. On motion of William G. Long, it was voted that this article be indefinitely postponed.

Art. 6. To see if the Town will raise and appropriate, or otherwise provide, the sum of One Hundred Thousand Dollars for the purpose of constructing an underground transmission line, including conduits, manholes, and cables, from the Stoneham-Reading town line to the Reading Power Station on Ash Street, and for the purchase and installation of the transformers, switches, regulators, wires and other apparatus necessary to properly receive and distribute electricity, or what it will do in relation thereto.

Municipal Light Board.

Art. 6. On motion of William G. Long, it was voted that this article be indefinitely postponed.

Art. 7. To see if the Town will authorize the Municipal Light Board to purchase and install in the Power Station on Ash Street, a 1000 K. W. turb-generator, with the necessary condensing equipment; also a 300 H. P. boiler with super-heater, and raise and appropriate, or otherwise provide the sum of Eighty Thousand Dollars for the purpose, or what it will do in relation thereto.

Municipal Light Board.

Art. 7. On motion of William G. Long, it was voted to indefinitely postpone this Article.

Meeting adjourned sine die at 8.35 o'clock P. M.

LEON G. BENT, Temporary Clerk.

A true copy or record.

MILLARD F. CHARLES, Town Clerk.

#### SEMI-ANNUAL STATE AND NATIONAL ELECTION

Security Hall, Reading, Nov. 4, 1924.

Pursuant to the warrant and the Constable's return thereon, a town meeting was held and called to order by the chairman of the Board of Selectmen, Joseph D. Knight at time specified in the warrant, viz.: 5.45 o'clock A. M. The ballot boxes were duly examined and found empty each registering 0000. The following ballot clerks were duly sworn by the Town Clerk, Millard F. Charles, Frank D. Tanner, Frederick L. Springford, Jr., Ernest A. Clapp, Chester C. Richardson, Jessie N. Thaxter, Mary L. Baker, Marion P. Allen, George M. Hutchinson, C. Edward Mellen, Forest H. Bryant, Bernice S. Flint, Christine F. Atkinson, John J. Quinlan, Lulu M. Alger, Helen A. Brown, Wilfred A. Ban-

croft, Edward G. Quinlan, James A. Waters, Martin Halloran, Mary L. Doran, Katherine E. Murray, Charles A. Sullivan, William D. Quillen, Richard N. B. Wilson, Mary C. Barrett, Catherine L. Doherty, Philomena Doucette, Bernard W. Conefy, Marguerite L. Jones, Paul Cummings, Mary E. Cummings, and the polls were declared open, and they were duly declared closed at 5.30 o'clock P. M.

The ballot boxes showed that 3454 votes were cast. The tellers reported 3452 ballots counted and the check lists showed that 3452 had voted. The votes were duly counted and declared, with the following results:

#### **Republican Electors—Coolidge and Dawes**

George A. Bacon of Longmeadow (at large) .....	2778
Hester S. Fearing of Boston (at large) .....	2778
1 Arthur S. Gaylord of Holyoke .....	2778
2 Charles S. Warner of Northfield .....	2778
3 Telesphore Lebeouf of Webster .....	2778
4 Frank Roe Batchelder of Worcester .....	2778
5 Edith Nourse Rogers of Lowell .....	2778
6 Gayden W. Morrill of Newburyport .....	2778
7 Effie S. Atwill of Lynn .....	2778
8 William W. Davis of Cambridge .....	2778
9 Emma Fall Schofield of Malden .....	2778
10 Frank Gardner Hall of Boston .....	2778
11 Francis R. Bangs of Boston .....	2778
12 Ida E. Hibbard of Boston .....	2778
13 Henry F. Beal of Waltham .....	2778
14 Harry H. Williams of Brockton .....	2778
15 Charles C. Cain, Jr., of Taunton .....	2778
16 Melvina L. Keith of Bourne .....	2778

#### **Democratic Electors—Davis and Bryan**

William A. Gaston of Boston (at large) .....	404
John F. Fitzgerald of Boston (at large) .....	404
1 Joseph B. Ely of Westfield .....	404
2 Anne O'Keefe Heffernan of Northampton .....	404
3 Marcus A. Coolidge of Fitchburg .....	404
4 Peter F. Sullivan of Worcester .....	404
5 Humphrey O'Sullivan of Lowell .....	404
6 Charles I. Pettingill of Amesbury .....	404
7 Genevieve E. McGlue of Lynn .....	404
8 Edward W. Quinn of Cambridge .....	404
9 John I. Murphy of Somerville .....	404
10 Charles H. Cole of Boston .....	404
11 Andrew J. Peters of Boston .....	404
12 James A. Gallivan of Boston .....	404
13 Arthur Lyman of Waltham .....	404
14 Charles F. Riordon of Sharon .....	404

15	Edmond P. Talbor of Fall River .....	404
16	Hannah Ashley of New Bedford .....	404

#### Workers' Party Electors—Foster and Gitlow

George Kraska of Winthrop (at large) .....	4
Michael M. Plepys of Boston (at large) .....	4
1 Robert Zelms of Boston .....	4
2 Charles Hedrick of Boston .....	4
3 Hyman Levine of Brockton .....	4
4 William Martila of Worcester .....	4
5 Lewis Marks of Boston .....	4
6 Onni Saari of Norwood .....	4
7 Louis F. Weiss, Sr. of Worcester .....	4
8 John Louks of Norwood .....	4
9 Wirna Sointu of Walpole .....	4
10 Samuel D. Levine of Boston .....	4
11 Eva Hoffman of Boston .....	4
12 Israel I. Hurwitz of Boston .....	4
13 Sarah R. Ballam of Boston .....	4
14 Emma P. Hutehins of Boston .....	4
15 E. J. Sinisale of Fitchburg .....	4
16 William Janhonen of Gardner .....	4

#### Socialist Labor Party—Johns and Reynolds

Henry C. Hess of Boston (at large) .....	5
Samuel Ferguson of Everett (at large) .....	5
1 Herman Keopke of Pittsfield .....	5
2 Oskar Kinsalio of Springfield .....	5
3 Bernel E. Wheeler of Westminister .....	5
4 Joseph Jiskra of Milford .....	5
5 John McKinnon of Lowell .....	5
6 Thomas Brennan of Salem .....	5
7 Lois I. Galber of Lynn .....	5
8 Peter O'Rourke of Medford .....	5
9 Daniel T. Blessington of Somerville .....	5
10 James A. Carmichael of Boston .....	5
11 Albert L. Waterman of Boston .....	5
12 Morris Becker of Boston .....	5
13 Alex. Brady of Waltham .....	5
14 Patrick H. Loftus of Abington .....	5
15 Oden Johnson of Attleboro .....	5
16 James Hayes of Plymouth .....	5

#### Independent Progressive Electors—LaFollette and Wheeler

Alice Stone Blackwell of Boston (at large) .....	155
George H. Wrenn of Springfield (at large) .....	155

1	Albert Sprague Coolidge of Pittsfield .....	155
2	Walter J. Kenefick of Springfield .....	155
3	Adelbert L. Leeman of Townsend .....	155
4	Daniel R. Donovan of Worcester .....	155
5	Maude Wheeler Mitchell of Hudson .....	155
6	Parkman B. Flanders of Haverhill .....	155
7	Michael S. Keenan of Lynn .....	155
8	Elizabeth R. Day of Cambridge .....	155
9	Clarence R. Skinner of Medford .....	155
10	Thomas A. Nilana of Boston .....	155
11	Thomas M. Nolan of Boston .....	155
12	Joseph P. Tynan of Boston .....	155
13	Florence H. Lusecomb of Boston .....	155
14	Robert H. O. Schulz of Dedham .....	155
15	George Clark of Taunton .....	155
16	Abraham Binns of New Bedford .....	155
	Blanks .....	106

**Governor**

John J. Ballam of Boston .....	11
James M. Curley of Boston .....	549
Alvan T. Fuller of Malden .....	2783
James Hayes of Plymouth .....	3
Walter S. Hutchins of Greenfield .....	6
Blanks .....	100

**Lieutenant-Governor**

Frank G. Allen of Norwood .....	2747
John J. Cummings of Boston .....	449
Arthur A. Cunning of Boston .....	19
Thomas Nicholson of Lawrence .....	9
Edward Rand Stevens .....	11
Blanks .....	217

**Secretary**

Frederick W. Cook of Somerville .....	2674
Winfield A. Dwyer of Boston .....	20
Samuel Leger of Boston .....	11
H. Oscar Rocheleau of Worcester .....	394
Edith Williams of Brookline .....	15
Blanks .....	338

**Treasurer**

Michael L. Eisner of Pittsfield .....	418
Patrick H. Loftus of Abington .....	14
Louis Marcus of Boston .....	10
Albert Oddie of Brockton .....	13
William S. Youngman of Boston .....	2661
Blanks .....	336

**Auditor**

Strabo V. Claggett of Newton .....	917
Alonzo B. Cook of Boston .....	2041
Isadore Harris of Boston .....	12
James J. Lacey of Boston .....	13
Daniel F. Reagan of Brockton .....	35
Blanks .....	434

**Attorney General**

Jay R. Benton of Belmont .....	2623
Harry J. Canter of Boston .....	16
Frederick Oelcher of Peabody .....	9
John Weaver Sherman of Boston .....	20
John E. Swift of Milford .....	422
Blanks .....	362

**Senator in Congress**

Frederick H. Gillett of Springfield .....	2509
Antoinette F. Konikow of Boston .....	20
David I. Walsh of Fitchburg .....	722
Blanks .....	201

**Congressman, 5th Dist.**

Humphrey O'Sullivan of Lowell .....	442
John Jacob Rogers of Lowell .....	2717
Blanks .....	293

**Councillor, 6th Dist.**

Bernard J. Golden of Woburn .....	470
Charles S. Smith of Lincoln .....	2478
Blanks .....	504

**Senator, 7th Middlesex Dist.**

John J. Healey of Lynn .....	371
Charles P. Howard of Reading .....	2702
Blanks .....	379

**Representatives in General Court**

Gustave W. Everberg of Woburn .....	2310
George L. Flint of Reading .....	651
Lemuel W. Standish of Stoneham .....	2122
Walter H. Wilcox of Woburn .....	443
Blanks .....	1378

**County Commissioners, Middlesex County**

Alfred L. Cutting of Weston .....	2470
Walter C. Wardwell of Cambridge .....	2412
Blanks .....	2022

**Register of Probate and Insolvency**

John J. Butler of Wakefield .....	532
Charles N. Harris of Winchester .....	2398
Blanks .....	522

**County Treasurer, Middlesex County**

Charles E. Hatfield of Newton .....	2546
Daniel F. McBride of Medford .....	426
Blanks .....	480

**Referendum Question No. 1**

Yes .....	1721
No .....	446
Blanks .....	1285

**Referendum Question No. 2**

Yes .....	1791
No .....	492
Blanks .....	1169

**Referendum Question No. 3**

Yes .....	1935
No .....	895
Blanks .....	622

**Referendum Question No. 4**

Yes .....	1128
No .....	1466
Blanks .....	858

**Referendum Question No. 5**

Yes .....	1604
No .....	302
Blanks .....	1546

**Referendum Question No. 6**

Yes .....	1796
No .....	1091
Blanks .....	571

**Referendum Question No. 7**

Yes .....	994
No .....	1780
Blanks .....	678

**Referendum Question, Reading Firemen**

Yes .....	1482
No .....	1322
Blanks .....	748

The ballots were counted and declared in open town meeting with the foregoing result and then were sealed and delivered to the Town Clerk, whereupon it was voted to adjourn at 2 o'clock A. M., Nov. 5th, 1924.

MILLARD F. CHARLES, Town Clerk.

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COMMONWEALTH OF MASSACHUSETTS

County of Middlesex

CITY OF WOBURN

In accordance with the provisions of Section 125, Chapter 54, of the Revised Laws of Massachusetts, of 1921, the City Clerk of Woburn and the Town Clerks of Reading and Stoneham, being the City and Town Clerks of every city and town in Representative District number eighteen within said County, met at the City Hall, Woburn, at noon on Friday, November 14 A. D. 1924 being the tenth day succeeding the day of the State Election held on Tuesday, November 4, A. D. 1924, and then and there opened, examined and compared the copies of the records of votes cast at said election for the office of representative, and determined therefrom that Gustave W. Everberg of Woburn and Lemuel W. Standish of Stoneham were elected to the office of Representative.

The following is a schedule of the names of all persons for whom votes for Representative were given in said District and the number of votes given for each person, viz.:—

Gustave W. Everberg of Woburn .....	7366
George L. Flint of Reading .....	298½
Lemuel W. Standish of Stoneham .....	5978
Walter H. Wilcox of Woburn .....	4699

In witness whereof, we the City Clerk of Woburn and the Town Clerks of Reading and Stoneham hereunto set our hands this fourteenth day of November, A. D. 1924.

JAMES A. McLAUGHLIN, City Clerk, Woburn,  
 MILLARD F. CHARLES, Town Clerk, Reading,  
 CHARLES A. OWEN, Town Clerk, Stoneham.

Clerks's Office, Reading, Mass., November 14, 1924.

Received and recorded, by

Attest: MILLARD F. CHARLES, Town Clerk.

## NOTICE TO PARENTS, HOUSEWIVES, PHYSICIANS AND MIDWIVES

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Your Attention is Called to the Sections Below Taken from the Revised  
Laws—Blank Forms for Return of Births Can be Obtained  
of the Town Clerk

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### SECTION 3, CHAPTER 444, ACTS 1897

Sec. 3. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and occupation of the father. If the child is illegitimate the name of the father shall not be stated, unless at the joint request in writing of both father and mother, which request shall be filed with the returns of births. The fee of the physicians or midwives shall be twenty-five cents for each birth so reported, and shall be paid by the city or town in which the report is made, upon presentation of a certificate from the city or town clerk, stating that said births have been reported in conformity with the requirements of this section. Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

### SECTION 6, CHAPTER 444, ACTS 1897

Sec. 6. Parents and householders shall within forty (40) days after the date of a birth occurring in his house give thereof or cause such notice to be given to the clerk of the city or town in which such child is born.

MILLARD F. CHARLES, Town Clerk.

## DOGS LICENSED DURING YEAR 1924

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Whole number of licenses issued .....	483
84 Female licenses @ \$5.00 .....	\$420.00
398 Male licenses @ \$2.00 .....	796.00
1 Kennel License @ \$50.00 .....	50.00
 Total cash received .....	\$1266.00
Less fees @ 20c for 483 licenses .....	96.60
 Total due County Treasurer .....	\$1169.40
Paid County Treasurer June 1, 1924 .....	870.00
Paid County Treasurer December 1, 1924 .....	299.40
 Total paid County Treasurer .....	\$1169.40

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### HUNTING AND FISHING LICENSES ISSUED IN 1924

2 Alien Fishing licenses .....	\$ 4.00
33 Trapping licenses .....	8.25
108 Fishing licenses .....	108.00
103 Hunting and Trapping licenses .....	154.50
74 Hunting licenses .....	148.00
 320 Licenses issued .....	\$422.75
320 License fees .....	66.50
 Total paid Fish and Game Commission .....	\$356.25
 1924	
Feb. 5, cash .....	\$ 29.10
April 11, cash .....	28.55
May 6, cash .....	31.25
June 6, cash .....	28.40
July 8, cash .....	39.60
Aug. 4, cash .....	28.60
Sept. 2, cash .....	16.50
Oct. 14, cash .....	52.50
Nov. 4, cash .....	87.25
Dec. 6, cash .....	10.00
Jan. 3, 1925, cash .....	4.50
 Total .....	\$356.25

MILLARD F. CHARLES, Town Clerk.

## BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Parents
Jan.		
2		
9	William Wallace Davis	Malcolm C. and Blanche E.
11	Francis Kenneth Sears	George L. and Amanda E.
15	Marcia Lee Williams	Theodore R. and Anabel H.
16	Allen Richard Dow	Clarence L. and Joanna N.
18	Vaughn Nicholas Nelson	Nicholas and Lilly S.
19	Wilbur Vincent Doucette	Elir J. and Mary M.
21	Allen Briggs	Fred H. and Jennie E.
29	Edgar Albert Webster	Leigh H. and Alice C.
Feb.		
3	Robert Andrew Doucette	Frank A. and Mary C.
6	Marion Pearl Heselton	Carl D. and Louise J.
6	Marjorie Louise Owen	Harold L. and Alice C.
6	George Daniel Marchetti	James and Mary B.
17	Harris Putnam Pratt, Jr.	Harris P. and Marie W.
17	Gladys May Muir	John and Mary M.
18	Norma Louise Doran	Daniel F. and Mary E.
18	Robert Francis McCarthy	John J. and Catherine F.
24	Barbara Davis	Samuel H. and Helen G.
24	Earle Ross Hutchinson, Jr.	Earle R. and Sarah M.
29	Raymond John Demars	Louis E. and Anna E.
29	Evelyn Bernedette Peters	Joseph L. and Marie
Mar.		
5	Alexander W. Clapperton	John and Jemima W.
5	Patricia Day	James E. and Charlotte A.
8	Beatrice Knight	John L. and Sarah A.
10	Patricia Arline Irving	John J. and Gladys L.
11	Robert Donald Muise	Sylvine J. and Margaret M.
12	Barbara Carnes	Harold A. and Helen C.
14	Tatro	Francis and Alice J.
15	Elmer Donald Hanscom	Moses M. and Edith D.
17	Helen Louise Gadois	Albert D. and Rose A.
21	Harold Carden	John and Marie K.
22	Phyllis Marie Ames	John F. and Ruth H.
24	Agnes Rita McGrath	Frederick T. and Sarah T.
30	Mildred Janet Faulkner	James E. and Mary G.
31		
Apr.		
3		
4	Richard Lyman Gould	Chester F. and Nellie V.
5	Shirley Mae Stevens	Frank M. and Dorothy M.

## BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Parents
10	Dorothy Robertson	Herbert L. and Annie L.
10	Elmer Alfred Dykens	Elmer A. and Mermet T.
10	Virginia Davis	Louis and Priscilla T.
11	Martin Lewis Shapiro	Harry J. and Annie E.
11	Thomas Richard Hubbard	Simon D. and Delcie M.
12	Kenneth Allen Gray	Frank R. and Ada M.
18	Lorraine Murphy	Howard J. and Mary E.
20	Louis Palfray Bosson	George C. and Mildred H.
21	Eileen Mary Arsenault	Peter J. and Ooaline P.
24	Whitman Irving Freeman, Jr.	Whitman I. and Florence M.
27	Paul Anthony Reynolds	John S. and Eva L.
28	Phyllis Buchanan	Edgar M. and Florence L.
28	Marguerite Ellen Brophy	Edward A. and May J.
 May		
1	Donald Carlson Tucker	Willis F. and Helen G.
1	Betty Joyce Stanwood	Augustus T. and Helen M.
2	Mary Margaret Halloran	Nicholas W. and Alice L.
2	Beulah Elizabeth Ellis	Louis A. and Beulah E.
3	——— Smith	Martin S. and Josephine E.
3	Kenneth Earl Sawyer, Jr.	Kenneth E. and Lily M.
4	Barbara Bryant	Forest H. and Edith M.
5	Elinor Doris Snow	Edward A. and Irene
5	Florence Edith Pierce	Chester W. and Georgie P.
9	Shirley Louise Bussell	Howard E. and Pauline R.
16	John Larden Mixer	Clarence M. and Julia M.
17	Stephen Irving Doucette	John J. and Marion E.
19	Gerald Leon Doucette	Frank P. and Ruth Louise
19	George Thomas Hickey, Jr.	George T. and Elizabeth L.
20	Arthur Leo Redmond, Jr.	Leo A. and Blanche V.
24	Gordon Cail Reynolds	Levi and Gladys M.
26	Arthur Joseph Lefave	Albert A. and Mary L.
26	Joanne Cobb	Richard E. and Vera Y.
30	John Brooks Fairchild	James W. and Gladys N.
30	——— Wilson	William F. and Ellen G.
 June		
6	Louise Audrey Sias	James W. and Janie M.
7	Ransom Hammond	James R. and Margarite R.
8	Gertrude Marie Nickerson	Charles N. and Sarah E.
10	Lola Frances Zwicker	Jerome R. and Stella M.
10	Agnes Susie Vyse	George A. and Annie L.
12	Paul William Connelly	William and Katherine
14	Eileen Evelyn Ahern	Denis S. and Blanche E.

## BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Parents
14	Norman James Dobbins	Andrew C. and Sarah A.
15	Evelyn Louise McLeod	Everett W. and Grace M.
25	John Harry Muise, Jr.	John H. and Phoebe S.
July		
2	John Harris Crooker	Elmer P. and Ethel M.
4	Beatrice Ruderman	Maurice and Marion H.
5	Phyllis Janet Lacey	Thomas and Mina N.
13	Barbara Blaikie	Robert C. and Ethelyn H.
18	Eleanor Barbara Hoit	Earl W. and Grace A.
18	John Wilbur Smith	James H. and Sylvia B.
20	Helen Louise Lefave	John H. and Genevieve C.
25	Edward Fitzgerald	Maurice T. and Pauline F.
27	Elizabeth Jeanette Campbell	William F. and Faith M.
28	Jeanette Marie LeFave	John and Mabel M.
28	Ann Bockius Miller	Herbert D. and Ruth B.
Aug.		
2	Gerald Alphonse Muise	Benjamin and Sylvia D.
2		
4		
5	Mary Louise Slack	Francis T. and Mary D.
6	Robert Duncan Childs	David A. and Caroline E.
7	Virginia Marchetti	Hugo H. and Helen W.
10	Clarence Andrew Frotten	Emil A. and Esther W.
11	Leland Stanford Hager, Jr.	Leland S. and Mabel C.
11	Helen Merrill	Albert E. and Mary A.
12		
16	Jean Estelle Murray	Wallace and Ina S.
17	Clifford Henry Ballou	Grover E. and Beryl B.
26	Constance Loraine Pixler	Wellington C. and Nathalie V.
31	Louise Lillian Kimball	Walter B. and Marie B.
31	Lorraine Elizabeth Kimball	Walter B. and Marie B.
Sept.		
5	Evelyn Ruth Shaw	James L. and Helen I.
5	Eleanor Margaret Shaw	James L. and Helen I.
5	David Haven Littlefield	Ray E. and Marjorie S.
7	Joseph Russell LeBlanc	John A. and Mary H.
8	John Joseph O'Malley, Jr.	John J. and Annie C.
11	Stephen Smith Callan	Arthur B. and Hermione S.
19	Richard Leslie Muise	Leslie J. and Margaret F.
19	Dorothy Catherine Runge	Carl O. and Dorothy F.
21	Arthur Everel Farr	Merle W. and Edna G.

## BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Parents
25	Edward Joseph Doucette	Jeremiah and Florence M.
26	Barbara Frances Braun	Francis J. and Carolyn D.
29	George Anthony Enos	Joseph J. and Adeláide O.
30	Ward	George L. and Belin M.
Oct.		
9	Jean Frances Stimpson	George H. and Harriet W.
9	Doris May Tucker	Walter D. and Rose V.
14	Mary Quinn	Joseph S. and Clementine F.
18	John Harold Robbins	George C. and Alma A.
21	Jean Brooks Sullivan	Arthur J. and Daisy B.
21	Eleanor Constance Williams	George B. and Eleanor K.
26	Vida Mae Gibbs	George H. and Evelyn R.
27	John Joseph Ferriek, Jr.	John J. and Hannah B.
27	Robert Carl Frotten	John R. and Frances C.
28	Wallace Bronson Bailey	Bertrand W. and Hilda P.
28	Edna Frances Meuse	Edward F. and Florence M.
31	John Whitmore Rich	Guy E. and Mildred B.
Nov.		
4	Phyllis Rae Springfield	Frederick L. and Mildred H.
8	John Hubert McBride	John W. and Annie P.
10		
10	Ernest Paul Doucette	Albert J. and Delia G.
11	Richard Francis White	Thomas and Winnifred B.
14	Raymond Armand Petrain	Henry and Alida
17	Joseph Alfred Wilton	Julius K. and Eva G.
17	Barbara Marion Merritt	Fred E. and Helen C.
19	Paul Hillman Colvin	Josiah P. and Helen C.
21	Edward Frank Clark	Ernest F. and Myrtle B.
23	Phyllis Irene White	Roy E. and Katherine H.
25	David Wills Brown	Rodney W. and Mabel H.
28	Leo Nicholas Roberts	Nicholas J. and Mildred F.
29	Kenneth William Castine	William F. and Anna L.
30	Elizabeth Dorothy Burpee	Ray W. and Mary H.
Dec.		
1	Lewis Ernest Muise	John S. and Margaret M.
4	Frances McLaughlin	James A. and Agnes H.
6	Phyllis Irene Gormlie	Charles F. and Bertha M.
7	Barbara Lois Thorn	Joseph E. and Alice M.
18	Frank Ellsworth Owen	Frank M. and Louise W.
13	Robert Eugene Zwicker	Lavers D. and Cora H.

## BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Parents
18	Barbara Ruth King	Chester R. and Almira W.
18	Thomas Joseph Thornton, Jr.	Thomas J. and Ruth D.
23	Chester Stanley Buck, Jr.	Chester S. and Malvina J.
24	Charles Andrew Bacigalupo	Philip J. and Theresa C.
24	Alfred Edward Colford	Alfred J. and Annie B.
25	Thomas Merriam Foster	Harold P. and Frances M.
25	Robert Charles Sherrod	Roy L. and Florence M.
29	George Joseph De Vean, Jr.	George J. and Minnie D.
30	James Talbot Emery	Francis P. and Rebecca T.

## BIRTHS REGISTERED IN READING FOR PRECEDING YEARS

Feb. 16, 1880		
	William Matthew Goodwin	Walter C. and Jennie H.
Sept. 13, 1891		
	Myrtle Delphine Wells	Charles D. and Mabel F.
Apr. 4, 1899		
	Anna May McKillop	John C. and Annie M.
Nov. 1, 1912		
	Delma Helena Turner	Hugh N. and Edith F.
Aug. 1, 1918		
	Lawrence Abbott Cate	Frank C. and Lucille A.
Oct. 1, 1921		
	Jeanette Eloise Forbes	Frank D. and Margaret D.
July 8, 1922		
	Natalie Clara Staples	Malcolm L. and Margaret N.
Dec. 6, 1922		
	Philip Arthur Burbine	Peter J. and Rose G.
Dec. 7, 1922		
	Thomas Henry Rotchford, Jr.	Thomas H. and Agnes G.
Dec. 27, 1922		
	Mary Virginia Graves	Percy M. and Hilda L.
May 21, 1923		
	Ruth Edith Pendergrace	Frederick G. and Edith C.

## MARRIAGES REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Names	Age	Occupation	Residence
<b>Jan.</b>				
18	John Lawrence Knight Florence Elizabeth Gray	21 18	S. O. Man Millhand	Stoneham Reading
30	Henry A. Anderson Alice May Crimmins	56 36	Carpenter Bookkeeper	Brockton Brockton
<b>Feb.</b>				
2	Walter Richard Trafton Grace Damon Flint	27 27	Farmer Clerk	Swampscott Reading
17	Samuel Joseph Feinstein Lillian Finstein	23 23	Auto. Mechanic Clerk	Reading Cambridge
24	Warren Fred. Gregory Mary Ellen Clements	23 21	Iron Worker At home	Stoneham Reading
27	Emil Andrew Frotten Esther White	23 28	Millhand Housework	Reading Reading
<b>March</b>				
8	Horton Eldredge Bertha Mary (Dill) Dudley	21 37	Chauffeur Mill Operative	North Reading North Reading
15	Craig Vincent Ruth Louise Wiggin	27 24	Telephone Engineer At home	Reading Bedford, N. H.
25	Frank A. Smith Jessie E. Bannister	42 34	Cook Waitress	North Reading Reading
<b>April</b>				
12	Joseph F. Merrill Erma A. Harriman	22 18	Teamster Shoeworker	Lynn Lynn
27	Roland N. Beauchamp Nellie Mary Surette	27 26	Mason Tender Millhand	Reading Reading
<b>May</b>				
17	John Wilson Dorothy D. M. Hedgeley	21 18	Chauffeur Operative	Malden Malden
21	William Joseph McMahon Alice Christina Torrell	26 18	Ice Cream Maker Shoe Worker	Reading Reading
25	John F. Dulong Dorothy Griffith	21 19	Weigher Greenhouse Worker	Reading Lynnfield
28	John Langford Morton Dorothy Lane	44 28	Insurance Engineer Secretary	Plymouth Reading
<b>June</b>				
4	Charles F. Carter Jennie L. Lyle	23 28	Expressman Stenographer	Ayer Reading
7	Louis Granville Hill Marion (Campbell) Strout	52 40	Superintendent Bookkeeper	Reading Medford

## BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Parents
18	Barbara Ruth King	Chester R. and Almira W.
18	Thomas Joseph Thornton, Jr.	Thomas J. and Ruth D.
23	Chester Stanley Buck, Jr.	Chester S. and Malvina J.
24	Charles Andrew Bacigalupo	Philip J. and Theresa C.
24	Alfred Edward Colford	Alfred J. and Annie B.
25	Thomas Merriam Foster	Harold P. and Frances M.
25	Robert Charles Sherrod	Roy L. and Florence M.
29	George Joseph De Vean, Jr.	George J. and Minnie D.
30	James Talbot Emery	Francis P. and Rebecca T.

## BIRTHS REGISTERED IN READING FOR PRECEDING YEARS

Feb. 16, 1880	William Matthew Goodwin	Walter C. and Jennie H.
Sept. 13, 1891	Myrtle Delphine Wells	Charles D. and Mabel F.
Apr. 4, 1899	Anna May McKillop	John C. and Annie M.
Nov. 1, 1912	Delma Helena Turner	Hugh N. and Edith F.
Aug. 1, 1918	Lawrence Abbott Cate	Frank C. and Lucille A.
Oct. 1, 1921	Jeanette Eloise Forbes	Frank D. and Margaret D.
July 8, 1922	Natalie Clara Staples	Malcolm L. and Margaret N.
Dec. 6, 1922	Philip Arthur Burbine	Peter J. and Rose G.
Dec. 7, 1922	Thomas Henry Rotchford, Jr.	Thomas H. and Agnes G.
Dec. 27, 1922	Mary Virginia Graves	Percy M. and Hilda L.
May 21, 1923	Ruth Edith Pendergrace	Frederick G. and Edith C.

## MARRIAGES REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Names	Age	Occupation	Residence
31	Joseph L. Hartnett Mary F. Hickey	26 20	Insurance Adjuster Counter Girl	Charlestown Reading
31	Thomas Joseph Thornton Ruth Elizabeth Doucette	25 20	Clerk Telephone Operator	Reading Reading
Sept.				
1	John James Flanagan Ella May Meekins	24 24	Foreman Stenographer	South Boston Reading
5	Ralph A. McDowell Rachel Hutchinson	32 22	Tabulator Stenographer	Melrose Reading
6	Raymond James McKay Alma Matilda DeLesdernier	32 33	Organ Pipe Maker Clerk	Reading Reading
7	Percy Charles Rogers Evelyn Louise Dow	34 18	Chef Stenographer	Reading Reading
10	Arthur Michelini Helen Nowell	31 25	Manufacturer At home	Reading Reading
13	Frederick E. Smith Stella M. Brooks	27 26	Clerk Stenographer	Reading Lynn
15	Chester D. Stevens Beulah H. Page	27 25	Statistician Clerk	Reading Reading
17	Robert Weaver Totten Alda Lottie Parker	38 37	Plumber Teacher	Reading Reading
27	William Louis Wilby Ethel M. Crafts	20 21	Baker Shoe Worker	Stoneham Reading
Oct.				
1	Ralph Michelini Dorothy Knox	22 21	Manufacturer At home	Reading Reading
10	Albert Chadwick Maxwell Ethel Frances Quinn	25 23	Electrician Telephone Operator	Reading Wakefield
11	George Joseph Deveau Helen Minnie Doucette	17 18	R. R. Worker At home	Wakefield Reading
12	Wilbur Solomon Morrell Mary Mabel White	24 23	Auto. Mechanic Shoe Worker	Melrose Reading
15	George Johnson Marie Ward	45 45	Salesman Domestic	Reading Reading
17	Harold S. Goodridge Edith L. Sherman	30 26	Paymaster Stenographer	Reading Wa'tham
18	Jesse Holbrook Clark Helen Augusta Lord	33 24	Shipper At home	Malden Reading
18	Joseph Morton Warren Ethyl Mae Mitchell	29 21	Bank Clerk Bank Clerk	Melrose Reading

## MARRIAGES REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Names	Age	Occupation	Residence
19	Arthur John Frotten Marjorie Louise Doucette	24 19	Barber At home	Reading Woburn
27	Ralph Pierce Eldridge Jeanette May Bernard	48 32	Salesman At home	Reading Reading
Nov.				
2	Harry Edward White Nellie Frances Heselton	23 18	Rubber Worker Waitress	Reading Reading
2	Rudolph Wyer Marion Lassell	24 17	Machinist Clerk	New Bedford Reading
7	John Andrew McIntosh Lillian May Crosby	22 21	Mechanic Machine Operator	Stoneham Reading
25	Isaac Bolton Hannah J. Eaton	55 54	Track Hand At home	Reading Reading
26	Arthur Stanley Gibson Marion Audrey Fowle	46 26	Physician Bank Clerk	Boston Reading
26	Louis Joseph LeBlanc Lena Warner	21 21	Millhand Housework	Reading Reading
26	Volney Sprague Elizabeth Pike	77 64	Retired Housekeeper	Reading Lisbon, N. H.
27	William Patrick Burke Mary Elizabeth Simpson	21 20	Asst. Finisher Clerk	Reading Medford
27	Patriek Joseph Long Katherine O'Brien	38 36	Police Officer Housework	Reading Winchester
27	Frederick L. Riessle Margaret T. Turner	32 26	Chauffeur Cloth Inspector	Reading Reading
Dec.				
4	Harry Eldridge Waldron Clara Ethel Legro	23 19	Bookkeeper Clerk	Quincy Reading
12	Howard Daggett Farrant Marie Hazel Robart	24	Greenskeeper At home	Reading Reading
13	Hermidos A. Saulnier Mary Esther Doucette	38 16	Shoeworker Leather Worker	Stoneham Reading
25	Albert Clarence Graupner, Jr. Ethel Gertrude Bancroft	25 24	Clerk Bookkeeper	Reading Reading
19	Donald Warren Shepard Eva Marie Rayfuse	21 21	Insurance Broker Stenographer	Reading Reading

## DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Y	M	D	Cause of Death
Oct., 1918					
5	Albert O. Surette	35	10	12	Pneumonia
Jan.					
1	Ralph A. Fratus	35	9	6	Ulcer of Duodenum
6	Walter L. McConney	59	8	28	Hemorrhage
8	Julie R. French	53	0	26	Carcinoma
9	Susan Grace Putnam	79	6	19	Diabetes
16	Franklin P. Eaton	69	10	1	Heart Disease
19	Robert Powers	69	7	15	Heart Disease
19	Lucy M. Kidder	76	11	10	Hemorrhage
22	Margaret Riessle	54	0	12	Gall Stones
28	Michael A. Hickey	74	10	28	Carcinoma
31	Gordon W. Lewis	8	1	19	Automobile Accident
Feb.					
1	Warren A. Batchelder	88	0	19	Nephritis
3	Dexter F. Pecott	66	5	10	Arterio Sclerosis
9	Charlotte E. C. Clapp	79	4	4	Oedema
10	Edgar Knight	61	11	13	Hemorrhage
11	John J. Leary	75	11	7	Myocarditis
18	Augusta Jones	80	1	13	Carcinoma
25	Sarah Hutchinson	20	8	25	Eclampsia
26	Augustine P. Cummings	37	9	10	Tuberculosis
Mar.					
1	Alfred Foster Swett	62	6	14	Nephritis
2	Ida M. Bowen	66	0	0	Myocarditis
10	James P. Riley	25	0	0	Pneumonia
12	George W. Perkins	58	2	27	Hemorrhage
16	Almeda E. Duley	87	1	12	Advanced Age
26	Harold Carden	0	0	5	Hydrocephalus
31					
Apr.					
3	Margaret A. Stewart	75	2	17	Myocarditis
5	Benjamin H. Jellison	78	3	7	Anaemia
7	Sophia F. Hamilton	90	8	19	Myocarditis
8	David Morin	73	7	18	Oedema
10	Jack Alexander Berg	2	9	6	Pneumonia

## DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Y	M	D	Cause of Death
13	Lydia L. Surrey	44	5	2	Anaemia
15	Dorothy Robertson	0	0	5	Hemorrhage
20	Mabel E. Becker	51	0	12	Pneumonia
23	Lewis H. Graham	19	4	4	Accidental Burns
24	Susan B. Higgins	70	11	15	Heart Disease
24	Mary F. Robbins	33	9	5	Carcinoma
27	Phoebe Atkins Johnson	82	1	30	Hemorrhage
29	Marian A. Clapp	49	6	29	Ruptured Appendix
 May					
2	Lydia J. Hyde	74	7	14	Carcinoma
6	Louise A. Nichols	57	7	2	Fracture of Spine
7	Caroline E. Harnden	75	4	19	Hemorrhage
8	Ellis Proctor Holmes	63	11	29	Heart Disease
11	Julia E. Prescott	74	7	12	Pneumonia
12	Benjamin F. Goodwin	70	8	0	Hemorrhage
21	Hermenigilde Bourgault	53	0	0	Myocarditis
25	Moses E. Nichols	82	11	18	Nephritis
27	Marie T. Palumbo	0	9	29	Hemorrhage
30	Joseph P. Fay	21	9	29	Septicaemia
 June					
3	Robert Morton	51	2	24	Carcinoma
10	George A. Hunt	64	7	19	Nephritis
12	Mary A. Morrison	68	11	7	Heart Disease
18	Bessie M. Hutchinson	51	9	18	Myocarditis
19	Agnes L. Vyse	0	0	9	Hemorrhage
 July					
8	Catherine E. Gigie	78	6	28	Carcinoma
9	Morton H. Ambler	25	7	20	Accidental Electrocution
17	Augusta C. Sawyer	87	5	17	Carcinoma
28	Catherine Gordon	8	6	20	Automobile Accident
 Aug.					
2	Forest S. Lowell	64	4	10	Hemorrhage
2					
4					
6	Orville W. Smith	55	7	11	Myocarditis
7	Mary F. Damon	79	4	9	Heart Disease
12	Freeman R. Slocum	30	0	10	Heart Disease
12					

## DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Y	M	D	Cause of Death
13	Richard Sears	2	2	0	Accidental Burns
14					
16	Gilman M. Stokes	89	3	7	Heart Disease
26	Annie Riley	87	0	0	Myocarditis
28	Iva E. Alexander	46	3	29	Myocarditis
28	Gilman L. Parker	77	0	9	Uraemia
28	Francis G. Wilson	0	2	28	Intestinal Indigestion
30	Mary Ann Meaney	82	5	0	Myocarditis
Sept.					
5	Anne H. Wait	45	6	8	Nephritis
10	Edward H. Morris	13	11	15	Peritonitis
11	Ida F. Chase	61	8	30	Heart Disease
15	Fred E. Grimes	31	11	7	Tuberculosis
15	Sarah D. Newhall	57	10	13	Carcinoma
20	Exie Estes	68	2	25	Encephalitis
24	Sarah W. Brown	81	0	0	Myocarditis
27	Corey H. Wetmore	42	10	23	Tuberculosis
30	Barbara Frances Braun	0	0	4	Heart Disease
Oct.					
7	Joseph R. White	0	0	28	Gastro Enteritis
7	Calvin W. Park	78	3	14	Myocarditis
9	Samuel Metcalf	88	7	26	Myocarditis
17	Mary Quinn	0	0	3	Melena
21	William John Everett	63	4	8	Pneumonia
23	Miriam Innis	34	0	0	Convulsions
24	Chester B. Rogers	55	0	24	Anaemia
29	Edward Lincoln Abbott	61	10	14	Hemorrhage
31	Samuel H. Parker	73	0	25	Myocarditis
Nov.					
1	Katherine E. Hunt	95	8	14	Arterio Sclerosis
3	Margaret Jane Cameron	66	11	4	Cancer
7	Philip McArthur	75	9	0	Apoplexy
10					
12	Emerline C. Nichols	93	10	1	Enteritis
18	Katherine Helen Wakefield	52	7	0	Carcinoma
19	Julia E. Chaffee	76	8	2	Arterio Sclerosis
24	Rosetta S. Smith	81	6	13	Pneumonia
27	Isabelle Fiske Rankin	73	5	18	Pneumonia
28	Malcolm McLeod	86	10	26	Heart Disease
29	Martha A. Batchelder	87	9	8	Arterio Sclerosis
30	Daniel F. Whalen	56	2	6	Carcinoma

## DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1924

Date	Name	Y	M	D	Cause of Death
<b>Dec.</b>					
3	Joseph B. Doherty	44	9	0	Phthisis
5	Ray Gowin	49	0	0	Pneumonia
6	Addin L. Hibbert	72	0	7	Myelitis
6	Richard J. Brophy	40	0	0	Phthisis
10	Georgia May Tully	47	2	27	Broncho Pneumonia
16	Zwicker	0	0	3	Hemorrhage
19	Walter H. Calkin	66	7	1	Pneumonia
19	Ellen Frost	62	11	29	Heart Disease
20	Mary E. Jewell	70	5	5	Nephritis
21	Elizabeth W. Frost	48	11	10	Accidental Burns
25	Diana M. Dean	78	3	18	Myocarditis
26	Eva A. Dickey	69	8	26	Cerebral Hemorrhage
27	Clement Gleason	74	8	22	Hemorrhage
28	Charlotte Patterson Holmes	81	1	28	Hemorrhage
31	Chester C. Richardson	68	2	20	Coronary Sclerosis

## REPORT OF BOARD OF SELECTMEN

---

### To the Citizens of Reading:

We herewith submit the annual report of the Board of Selectmen for the year ending December 31, 1924, together with the reports of the various departments under our supervision.

The first meeting of the Board following the annual election was held March 3, 1924, and Joseph D. Knight was chosen Chairman and Robert E. Parker, Secretary; Leon G. Bent was appointed Clerk.

During the year weekly meetings have been held and ten special meetings and fifteen hearings on gasoline station locations have been held, seven permits being granted.

In joint sessions with the Library Trustees and also with the Cemetery Trustees, appointments have been made filling vacancies on those boards.

Due to the ever increasing volume of motor traffic we have found it necessary to appoint an additional police officer in order that the Police Department might be in a better position to give proper protection to the children in the vicinity of our school houses.

The congestion at the polls during the recent election has made apparent the necessity for additional facilities for handling the number desiring to vote. A plan is under way to increase the accommodations for the voters during the rush hours.

Five additional traffic beacons similar to those now installed at the corner of High and Haven Streets and corner of Washington and Main Streets have been ordered subject to the approval of the Town and will be installed in locations as follows: Cor. Middlesex Avenue and Lowell Street, corner Woburn and Chute Streets, corner Haven and Main Streets, corner Woburn and West Streets, corner Summer Avenue and Prescott Street.

With the increase in automobile travel has come a considerable increase in the number of roadside stands selling farm products, tonics, etc. The Board views with some concern the resulting congestion in traffic where the stands are placed too near the traveled way on the main thoroughfares and it seems advisable that steps be taken to require that these be so located that patrons will not interfere with traffic.

The deplorable condition of the Police Department quarters has been repeatedly brought before the Town. Proper facilities for this department is still a matter that should engage the early attention of the citizens.

In conclusion, we would express our appreciation of the continued spirit of co-operation evidenced by the various boards and department heads with this board, as matters referred to them by us have invariably received prompt and proper attention.

We would also mention with appreciation the service rendered by our clerk, Mr. Bent, who attends to much of the detail incident to the conduct of the executive office of the Town.

Respectfully submitted,

JOSEPH D. KNIGHT,

ROBERT E. PARKER,

FREDERICK L. SPRINGFORD,

Selectmen of Reading.

## REPORT OF CHIEF OF POLICE

---

To the Honorable Board of Selectmen:

I herewith submit to your Honorable Board the report of the Police Department for year ending December 31, 1924:

Total number of arrests for year 1924—260.

Males .....	252
Females .....	8
Resident .....	116
Non-resident .....	141
American born .....	182
Foreign born .....	78
Adults .....	205
Minors .....	55
 Making a total umnbr .....	 260

### Causes of Arrests

Assaults .....	5
Larceny .....	18
Drunkenness .....	97
Keeping and exposing liquor for sale .....	6
Capias .....	3
Non-support .....	11
Insane .....	3
Disturbing the peace .....	4
Breaking and entering .....	4
Attempt breaking and entering .....	2
Driving auto under influence of liquor .....	23
Violating automobile laws .....	63
Delinquent children .....	2
Driving auto so as to endanger public .....	7
Violating Volstead act .....	2
Gaming .....	6
Rape .....	1
Carrying dangerous weapon without permit .....	1
No home .....	1
Illegal transportation liquor .....	1

### Disposition of Cases in Court

Fined .....	114
Released .....	24
Turned over to out of town officers .....	9

Placed on file .....	53
Placed on probation .....	9
Cases continued .....	10
State hospital, Danvers .....	2
State hospital, Tewksbury .....	2
House of Correction .....	3
House of Correction, suspended .....	7
Appealed cases .....	10
Dismissed for want of prosecution .....	2
Discharged .....	7
State farm .....	1
Fines suspended .....	3
Held for Grand Jury .....	4

**Amount of Fines Imposed by Court**

5 at \$ 2.00 each .....	\$ 10.00
34 at \$ 5.00 each .....	170.00
1 at \$ 8.00 .....	8.00
37 at \$ 10.00 each .....	370.00
8 at \$ 15.00 each .....	120.00
2 at \$ 25.00 each .....	50.00
2 at \$ 30.00 each .....	60.00
9 at \$ 50.00 each .....	450.00
6 at \$ 75.00 each .....	450.00
5 at \$100.00 each .....	500.00
2 at \$150.00 each .....	300.00

**Miscellaneous**

Cases investigated .....	205
Disturbances quelled .....	7
Buildings found open and secured .....	114
Children lost and returned parents .....	9
Dead body taken care of .....	1
Windows found open .....	8
Dogs killed .....	20
Wires found down and reported .....	3
Accidents reported and investigated .....	145
Lantern put in dangerous places .....	4
Defective sidewalks and streets reported .....	5
Electric lights reported out .....	9
Search warrants served .....	11
Residences temporarily vacated and special attention asked .....	15
Property reported stolen .....	\$7,487.29
Property recovered .....	6,419.29
Goods found outside of buildings and brought to station .....	75.00
Property damage and restitution made .....	50.00
Summons served for out of town officers .....	44
Automobiles reported stolen by out of town officers .....	52

**ROSTER****Chief****Jeremiah Cullinane****Patrolmen**

Oscar H. Low  
Francis T. Slack  
Timothy J. Cullinane  
Frank R. Fisher

Patrick J. Long  
William F. O'Brien  
Daniel T. Scanlon  
Harold W. O'Brien

**Conclusion**

I desire at this time to thank the Honorable Board of Selectmen, the Judges and Clerks of our Court, our local press, and all others who assisted in any way in promoting the welfare of this department; also all members of the force for what they have done.

Respectfully yours,

JEREMIAH CULLINANE, Chief of Police.

## REPORT OF CHIEF OF FIRE DEPARTMENT

---

To the Honorable Board of Selectmen,

Reading, Mass.

Gentlemen:—The annual report of the Fire Department is herewith submitted giving the record of fires that have occurred during the year ending December 31, 1924, together with such information as I think may be of interest to the Town.

### Finances

My financial transactions are all embodied in the report of the Town Accountant to which I would respectfully refer you for any information you may desire in that line.

### Manual Force

The Department consists of five permanent men (including the Chief) and twenty-five callmen. At the State Election the Town voted to adopt the two Platoon System in the Fire Department and this will necessitate the addition of three more permanent men.

### Apparatus and Equipment

The Department has five pieces of motor apparatus, four at the Central Fire Station as follows: one Knox triple combination of 600 gallons per minute capacity, purchased in 1913; one Robinson double tank combination purchased in 1916; one Robinson combination service ladder truck purchased in 1916; one Simplex single tank combination which was built this year by the members of the permanent force. At Hose 2 Station on Woburn st. there is a Ford hose truck. All of the machines are in good working order with the exception of the triple combination for which new wheels must be built this year. I would recommend that these wheels be made for pneumatic tires.

### Recommendations

The call members of the department have requested an increase in their salary of fifty dollars per year making their salary one hundred and fifty dollars per year. I would ask that your board give this matter due consideration as I feel that their request is just. I would also recommend the purchase of the following equipment and appliances, some of which have become obsolete and dangerous to use: two ladders, hose, two portable electric lanterns, an electric tire pump, life net and patrol covers. I would further recommend that Combination A and Ladder No. 1 be painted this year. The State Legislature passed an act requiring all

cities and towns to adopt the so-called "National Standard Thread" on all hose couplings. We must change our present hose couplings at some time this year.

#### Fire Prevention

I have issued 839 permits for fires out of doors, 38 permits for the installation of oil burning equipment, five permits for the sale of fireworks, three permits for blasting. I have made regular inspection of public garages and mercantile buildings.

There are now over one hundred fuel oil burning pieces of apparatus in town. Most of these are of an approved type and have the necessary safety attachments on them but there are still a few in use which are not thus equipped and constitute a fire hazard.

#### Record of Alarms

	Bell	Still	Total
January .....	3	5	8
February .....	4	1	5
March .....	2	4	6
April .....	9	15	24
May .....	4	10	14
June .....	6	9	15
July .....	4	13	17
August .....	4	6	10
September .....	5	8	13
October .....	5	26	31
November .....	7	22	29
December .....	10	22	32
	—	—	—
Total .....	63	141	204

Number of miles traveled .....	829.4
Number of feet of 2 1-2 inch hose laid .....	6,600
Number of feet of 1 1-2 in. hose laid .....	2,400
Number of feet of chemical hose used .....	3,200
Number of feet of ladders raised .....	310
Number of gallons of chemicals used .....	1,251
Number of covers spread .....	3
Number of gallons of gasoline used .....	490
Number of gallons of oil used .....	25
Value of property in danger .....	\$307,080.00
Insurance thereon .....	363,950.00
Loss thereto .....	9,000.57
Insurance paid .....	8,288.57
Uninsured loss .....	312.00

**Conclusion**

In conclusion, I wish to extend to your Honorable Board, to the Town Accountant, Treasurer and the Finance Committee my thanks for the courtesies and co-operation I have received during the year. I wish to compliment the officers and members of the department on the prompt and efficient manner in which they have performed their duties. I also wish to express my thanks to the Eastern Massachusetts Street Railway Company for the use of current, to the Chief of Police for services rendered by his department at fires and to the employees of the New England Telephone & Telegraph Company for the prompt and efficient service rendered in receiving alarms by telephone.

Respectfully submitted

ORVILLE O. ORDWAY, Chief Fire Department.

## REPORT OF SUPERINTENDENT OF FIRE ALARM

---

To the Board of Fire Engineers:-.

Gentlemen:—The report of the Superintendent of Fire Alarm is as follows:

The system is good condition. The lines have been all cleared of grounds, new cross arms placed where needed and trees trimmed for ample clearance.

The whistle valve has been repaired.

The street boxes have been painted and many boxes changed to new poles which have replaced old ones.

One new box was added the past year, Box 141, located at Howard st. and Hill Crest road.

New break wheels and contacts were placed in boxes 121, 47 and 48.

The system consists of:

30 Miles of overhead construction.

150 Cells of storage battery.

1 Stevens five circuit repeater with necessary instrument boards.

37 Stevens fire alarm boxes.

28 Gamewell fire alarm box for still alarms.

1 Gamewell fire alarm for still alarms.

1 United States fire alarm box in reserve.

1 Gamewell transmitter with 69 wheels.

2 Stevens tower bell strikers.

1 Stevens tower bell striker in reserve.

1 Stevens whistle blowing machine.

1 12 inch Crosby chime whistle.

2 Gamewell tape punching registers.

2 14 inch gongs.

1 12 inch gong.

2 8 inch gongs.

11 6 inch tappers.

1 testing station on circuits 3 and 4 at Hose 2 house.

### Recommendations

That fire alarm boxes be placed at the following locations:

Pleasant and Eaton sts.

Pratt st. near Prescott.

Forest st. west of Main st.

Salem st. near Libby ave.

That doors of the "Keyless" type be placed in boxes 29 and 231.

That underground construction be started in 1926.

In conclusion, I wish to thank your honorable Board and the Chief of the Fire Department for their co-operation.

Thanks are due the Electric Light Department and the New England Telephone & Telegraph Company for their assistance in changing construction, also the Eastern Massachusetts Street Railway Company for current for charging the storage battery.

Respectfully submitted,

HUGH L. EAMES, Superintendent of Fire Alarm.

#### READING FIRE ALARM

##### Central Fire Station Telephone, Reading 0430

- 112 Woburn and Sanborn
- 113 Woburn and Bancroft Ave.
- 114 Mt. Vernon, Chute and School
- 115 Woburn and High
- 12 Central Fire Station
- 121 Main and Haven
- 122 Haven and Gould
- 13 Ash and Avon
- 14 Oak and Hill Crest Rd.
- 141 Howard and Hill Crest Rd.
- 15 Walnut and Summer Ave.
- 16 So. Main and South
- 17 Prescott near Arlington
- 18 Minot and Park Ave.
- 19 Walnut and Curtis
- 21 Summer Ave. near Temple
- 212 West and Howard
- 221 Union Street School (Private)
- 223 Center School
- 224 High School (Private)
- 225 Highland School (Private)
- 226 Lowell Street School
- 227 Prospect Street School
- 228 Chestnut Hill School
- 23 Woburn and Temple
- 231 West, north of Willow
- 24 Mineral and Hancock
- 242 Summer Ave. and Woodbine
- 25 Prospect near King
- 26 Hose 2 house, Woburn St.
- 27 Summer Ave. near Prescott
- 28 West south of Oak

- 29 West and King  
 31 Lowell beyond Grove  
 32 Franklin near Grove  
 33 Lowell, Grand and Gould Ave.  
 34 Grove and Forest  
 35 No. Main and Locust  
 36 No. Main and Ridge Rd.  
 37 No. Main front of No. 409  
 38 No. Main and Forest  
 39 No. Main and Franklin  
 392 No. Main and Mill  
 41 Village and Green  
 412 Boston Stove Foundry, Willow Rd.  
 414 Green and Beech  
 42 Haven and John  
 43 Salem and John  
 44 Salem and Pearl  
 442 Orange and Pierce  
 45 Salem and Belmont  
 46 Charles and Pearl  
 47 Charles and Haverhill  
 48 Bay State Rd. near Salem  
 51 Main, Ash and Washington  
 53 So. Main north of Cross  
 55 Reading Rubber Mills  
 6 C. H. Bangs Co., Prescott St. (Private)  
 61 Lowell, Sanborn and Highland  
 611 Home for Aged Women, Linden St.  
 612 Bancroft Ave. and Locust  
 62 Spare Box  
 63 Hanscom Ave. north of Weston Ave.  
 642 Vine and Vale Rd.  
 65 Middlesex and Bancroft Aves.  
 67 Middlesex Ave. and High  
 8 Out of Town
- 

#### SPECIAL SIGNALS

- 1 Test
- 2 Recall
- 22 No school signal
- 3 Followed by a box number, 2nd alarm
- 3 Followed in 1 minute by 3, Boy Scout call
- 4 Police call

## REPORT OF FOREST WARDEN

---

To the Honorable Board of Selectmen:

Gentlemen:—I herewith submit the annual report of the Forest Warden for the year ending December 31, 1924.

The financial transactions of this department are embodied in the report of the Town Accountant to which I refer you for any information along that line.

I now use Combination C in fighting all brush and grass fires and being a heavier machine than I have had heretofore, I am able to carry regulation fire hose and 1 1-2 inch hose to all fires, also, the brooms and three gallon extinguishers.

In the Spring of this year I posted all woodlots and roadsides with fire warnings with very gratifying results. I have investigated all fires and sent reports of them to the State Fire Warden.

Number of permits for fires out of doors .....	187
Number of calls for grass and brush fires .....	111
Number of calls from Look-out Stations .....	27

I have appointed the following deputies:

Henry M. Donegan, Federal St.

Hugh L. Eames, Central Fire Station.

John J. O'Brien, Central Fire Station.

In conclusion, I wish to thank all who have in any way assisted this department during the past year.

Respectfully submitted,

ORVILLE O. ORDWAY, Forest Warden.

## REPORT OF INSPECTOR OF BUILDINGS

---

**To the Honorable Board of Selectmen:**

Gentlemen:—I herewith submit my report for the year ending Dec. 31, 1924.

The building construction for the past year was as follows:—

Sixty-seven (67) new one-family dwellings and thirteen (13) alterations and additions to one-family dwellings at an approximate cost of .....	\$431,900.00
Five (5) new two-family dwellings, one (1) new four family apartment house and three (3) houses remodelled into two-family dwellings at an approximate cost of ....	56,000.00
Two (2) new buildings containing stores	
One (1) new church	
Fifty-one (51) new single and double garages	
Four (4) garages (3 car and larger)	
Eight (8) alterations and additions to garages	
One (1) new tool house and carriage shed	
Two (2) new work shops	
One (1) new storage building	
One (1) new barn	
Two (2) new produce and tonic stands	
Three (3) additions to mercantile buildings	
Three (3) new hen houses	
The above mentioned buildings were built at an approximate cost of .....	96,600.00
The total cost of all new and remodelled buildings the past year amounts to approximately .....	\$584,500.00

Respectfully submitted,

A. RUSSELL BARNES,

Inspector of Buildings.

January 22, 1925.

## REPORT OF INSPECTOR OF WIRES

---

To the Honorable Board of Selectmen:

Gentlemen:—I respectfully submit, herewith, my report as Inspector of Wires for the year ending December 31, 1924:

Number of new buildings wired .....	76
Number of old buildings wired .....	56
Number of buildings re-wired or in which additional wiring has been installed .....	58
Number of inspection notices received .....	167
Number of inspections made .....	256
Number of sockets and receptacles wired .....	2565
Number of ranges connected .....	23
Number of heaters connected .....	9
Number of motors connected .....	19
H. P. of motors connected .....	15½

The new buildings wired were 61 dwellings, 5 store buildings, 1 theatre, 7 garages, and 2 filling stations.

### Poles and Overhead Wires

Over 100 defective poles have been renewed during the year, and additional poles and wires have been installed on the following streets: Bay State Road, Cross Street, Forest Street, Green Street, Hanscom Avenue, Wakefield Street, and Walnut Street.

A considerable amount of old wire on the electric light lines is being replaced with new wire and special insulation is being used through trees where it is not possible to use the regular tree insulators.

Respectfully submitted,

ARTHUR G. SIAS, Inspector of Wires.

Reading, Mass., December 31, 1924.

## REPORT OF SEALER OF WEIGHTS AND MEASURES

---

To the Board of Selectmen,  
Town of Reading, Mass.

Gentlemen:—The following is my report of the work completed by my department for the year 1924. All scales, weights and measures used in trade in the town have been tested and if accurate sealed, if inaccurate they have been condemned.

The amount of work completed by this department for this year has been greatly in excess of that for any of the previous years due partly to the increase in the number of chain stores in town and partly to the installation of numerous new gasoline pumps, the latter especially requiring a great amount of time and labor to keep them in the proper condition.

Numerous times throughout the year I have visited the various stores and re-weighed many of the more common commodities as put up for sale to the public.

Following will be found a complete tabulation of the year's work:  
Work Performed from December 1, 1923, to November 30, 1924, inclusive

	Sealed	Adjusted	Condemned
1. Scales			
Platform over 5,000 lbs. ....	3	3	
Platform 100 to 5,000 lbs. ....	15	10	
Counter under 100 lbs. ....	42	16	1
Spring under 100 lbs. ....	23	8	3
Computing under 100 lbs. ....	27	12	1
Personal weighing ....	1		
Prescription ....	2		
2. Weights			
Avoirdupois ....	196	9	3
Apothecary ....		22	
Metric ....		12	
3. Capacity Measures			
Liquid ....	28		
Dry ....	3		
4. Automatic Measuring Devices			
Gasoline Pumps ....	30		
Oil Measuring Pumps ....	3		
Quan. Meas. on Pumps (each) ..	153	61	
5. Linear Measures			
Yard Sticks ....	3		
Total ....	529	153	8

Trial Weighings and Measurements of Commodities Sold or Put Up for Sale

Commodity	No. Tested	No. Correct	Incorrect	
			Under	Over
Bread .....	40	16		24
Butter .....	20	17	1	2
Dry Commodities .....	126	101	15	10
Flour .....	19	8	4	7
Fruits and Vegetables .....	74	49	10	15
Grain and Feed .....	6	4	1	1
Meats and Provisions .....	15	14		1
Gasoline .....	153	78	30	45
	—	—	—	—
Total .....	453	287	61	105

CARL M. SMITH, Sealer of Weights and Measures.

## REPORT OF INSPECTOR OF ANIMALS

---

To the Honorable Board of Selectmen,  
Reading, Mass.

Gentlemen:—I wish at this time to submit my report as Inspector of Animals for the year ending December 31, 1924. During the early part of the year word was received from the Department of Animal Industry to make the annual inspection of all cattle, sheep, swine, etc. This inspection was made and reports sent to the Department.

In many instances suggestions were made to better the conditions under which the stock was kept and cared for, such as light, ventilation, and cleanliness. These suggestions were kindly received and carried out by the owners.

When animals were found to be affected with a contagious disease they were destroyed, and the premises disinfected.

No contagious disease of horses has been reported this year, due, no doubt, to the decrease in the number of horses kept.

The condition of each stable was reported on the regular form, a copy of which was left with the owner.

Rabies is quite prevalent in many places throughout the State. Persons cannot be too careful when handling strange dogs. If one will take the trouble to read the reverse side of the dog license he will become acquainted with the symptoms of this dread disease. I do not doubt that vaccination of many dogs against rabies has done much to hold the disease in check.

Yours very truly,

C. H. PLAYDON, M. D. V.,  
Inspector of Animals, 1924.

## REPORT OF TREE WARDEN

---

To the Honorable Board of Selectmen:

The work in the Tree Warden Department for the past year has consisted of trimming and repairing the trees.

A great many of the trees on the roadside were planted sixty or seventy years ago and the maples are going back very fast since the ice storm three years ago and will need considerable attention. I purchased and planted one hundred and fifty trees the past year. I also purchased forty tree protectors and need many more.

The Moth Department truck has been used to good advantage by the Tree Warden Department.

I would recommend the same appropriation as last year, fifteen hundred dollars.

Respectfully submitted,

HENRY M. DONEGAN, Tree Warden.

## REPORT OF CUSTODIAN OF VETERANS' GRAVES

---

To the Honorable Board of Selectmen:

Gentlemen:—I herewith submit my third annual report as Custodian of Veterans' Graves:

Number <sup>¶</sup> of lots re-seeded .....	1
Sunken graves filled .....	4
Number of lots grass cut for season .....	117

Late this fall we were able to procure a good supply of loam which will be available for use next season.

I would recommend that all the money available in excess of the cost of grass cutting, fertilizing, etc., be used during the coming season for re-seeding lots that still remain in poor condition.

### Financial Report

Cr.

Appropriation March, 1924 .....	\$500.00
---------------------------------	----------

Dr.

Labor, loam, lime, seed and fertilizer .....	\$378.08
Unexpended balance .....	121.92
	\$500.00

Respectfully submitted,

ALFRED E. GOODWIN.

December 31, 1924.

## REPORT OF BOARD OF PUBLIC WELFARE

---

To the Citizens of Reading:

The problem of the relief and care of those unable, either temporarily or permanently, to support themselves is one always present, requiring careful consideration and judgment, to the end that none may suffer and at the same time the interests of the Town be conserved.

We are especially fortunate in our Visitor, Miss Helen M. Brown, who is so well adapted to the work and so unsparing of her time and effort and unceasing in interest that too high commendation cannot be given.

We refer to the Visitor's report below as a report of the work of this department.

The record of our financial disbursements is found in the Town Accountant's report.

Respectfully submitted,

JOSEPH D. KNIGHT,  
ROBERT E. PARKER,  
FREDERICK L. SPRINGFORD,  
Board of Public Welfare.

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## REPORT OF VISITOR

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To the Board of Public Welfare:

I hereby submit my report for the year 1924:

In striving to give adequate aid to those who are thoroughly deserving, it is often difficult to know the people who are not as deserving, and constant care must be given to distinguish between those who try to obtain all they can, sometimes under false pretenses, and those who need aid without question. There is probably more suffering endured by worthy people who will not ask for aid than among those who come and ask for help. In the majority of cases sickness has been the principal cause for need of aid although slackness of work has caused the necessity of help in some cases.

The number of calls recorded during the year was 470, an increase of 76 over last year, besides several trips to the hospitals for examinations and treatments of children. In the child-welfare work the co-operation and aid of the School Nurse and Visiting Nurse has been a great help and is very much appreciated.

Aid is now being given to 26 families, four of which are State cases, and six having Mother's Aid, for which the town is reimbursed by the State one-third the amount expended. Eight families who were aided during the year are now supporting themselves. Three Reading families are now being aided in other cities and two elderly people who were boarded here for several years are now receiving hospital care at the State Infirmary in Tewksbury.

Thanks are extended to the Social Service Committee of the Visiting Nurse Association and the school children for the splendid dinners given at Thanksgiving, and the various organizations and individuals whose Christmas cheer brightened many homes. The Visitor also received clothing from many sources during the year, which has been distributed to those who are thankful for it.

The Visitor wishes to express her thanks to the members and clerk of the Board for their counsel and help at all times.

Respectfully submitted,

HELEN A. BROWN, Visitor for Board.

## REPORT OF TOWN COUNSEL

---

Law Committee,  
Reading, Massachusetts.

Gentlemen:—I submit herewith my report as Town Counsel of activities during the year 1924.

Two vexatious and dangerous subjects of litigation were disposed of: the cases against the Town, of Herbolzheimer and Waterman, the former being a claim for damages received in the operation of the Municipal Light Plant, and the latter for damages suffered on Lowell Street Bridge. Both cases were disposed of without expense to the Town, and in the Herbolzheimer case the disposition resulted in reimbursement to the Town of several hundred dollars—money advanced in taking care of the claimant.

During the year the usual opinions were rendered to the various departments, and special attention given to the question of zoning, consolidation of town departments, building line, and the perfecting of title of the Town to parcels of land taken for taxes.

Respectfully submitted,

JESSE W. MORTON.

## FOURTH ANNUAL REPORT OF BOARD OF PUBLIC WORKS

---

The report of our Superintendent sets forth in detail the activities of the departments operating under the direction of this Board.

We again call attention to the fact that many property owners to whom the sewer is available have not entered the same and that the health and best interests of the community require that they should connect their property with the sewer system as now constructed.

The Water Department has again been self-supporting, although as pointed out in our report of last year there has been little money available for extension of mains. We are recommending the capitalization of some extensions for the coming year.

We also recommend further expenditures on surface drains, work to be done in accordance with the general drainage plans.

We are recommending an increase in the appropriation for highway work, as it appears that an additional amount can be expended on streets and sidewalks with benefit to the community, the appropriation for 1924 having been insufficient to enable us to carry our year's programme to completion.

Respectfully submitted,

JOSEPH W. BOOTH,

FRANK C. CARTER,

GEORGE H. CLOUGH,

MILES C. HIGGINS, Secretary,

JOHN W. OWEN,

Board of Public Works.

## SUPERINTENDENT'S REPORT

---

December 31, 1924.

**To the Board of Public Works:**

Gentlemen:—As required by Section 4, Chapter 118, of an Act authorizing the Town of Reading to establish a Board of Public Works, I respectfully submit for your consideration the fourth annual report of the Department of Public Works, (Water, Highway, Sewer and Park) including a financial report of each department, and a chronicle of the principal work performed with recommendations for the coming year.

### WATER DEPARTMENT

**Receipts:**

a. Cash Balance 1924 .....	\$ 2,485.67
al. Meter Rates .....	35,098.02
b. Hydrant Rental .....	6,240.00
c. Service Pipe Construction .....	1,866.63
d. Service Pipe Maintenance .....	392.58
e. Rent of House and Sundries .....	180.00
f. Water for Drinking Fountains .....	100.00
g. Received from Town Treasurer .....	100.00
h. Miscellaneous Receipts .....	32.55
i. Fines .....	25.50
j. Summonses .....	10.00
 Total .....	 \$ 46,530.95

**Expenditures:**

1. Office Maintenance

Pay Roll .....	\$ 955.57
Telephone .....	42.33
Office Supplies .....	168.94
Office Repairs .....	34.95
Printing .....	235.13
Stamps .....	2.19
Petty Cash returned to Treas. ....	100.00
Insurance .....	245.93
Bond .....	7.50
Miscellaneous .....	38.23
Refunds .....	256.28
 Total .....	 \$ 2,087.05

## 2. Pumping Station Maintenance:

Pay Roll .....	\$ 3,494.20
Coal .....	1,168.25
Oil, Waste and Packing .....	56.11
Phone .....	77.84
Light .....	13.98
Freight and Express .....	230.58
Investigation .....	1,910.93
General Repairs .....	11.54
Boilers, Repairs .....	15.72
Pumps, Repairs .....	35.77
Miscellaneous .....	83.52
Overtime Pumping Station ..	885.37
 Total .....	 \$ 7,983.81

## 3. Maintenance of Filters:

Pay Roll .....	\$ 2,094.32
Electric Power .....	522.60
Alumina .....	539.81
Lime .....	340.00
Freight and Express .....	64.00
Repairs, Misc. .....	44.57
 Total .....	 \$ 3,605.30

## 4. Maintenance of Meters:

Pay Roll .....	\$ 1,540.95
Supplies .....	188.52
Repairs at Factory .....	169.63
Miscellaneous .....	
Freight and Express .....	16.06
 Total .....	 \$ 1,915.16

## 5. Maintenance of Service Pipes:

Pay Roll .....	\$ 257.77
Tools .....	18.04
Fittings .....	149.91
Freight and Express .....	11.07
Miscellaneous .....	.75
 Total .....	 \$ 437.54

## 6. Maintenance of Main Pipes:

Pay Roll .....	\$ 55.90
 Total .....	 \$ 55.90

7. Bonds:		
Maturing Bonds Paid .....		\$12,000.00
8. Bond Interest Paid .....		2,932.50
9. Air Compressor Maintenance:		
Electric Power .....		2,020.98
10. Automobile Truck Maintenance:		
Pay Roll .....		
Registration .....	\$	2.00
Oil and Gasoline .....		181.99
Repairs .....		239.45
		\$ 423.44
11. Shop Maintenance:		
Pay Roll .....	\$	12.38
Municipal Light Board .....		.52
Telephone .....		22.90
Repairs .....		7.39
Miscellaneous .....		8.72
		\$ 51.91
12. Main Pipe Construction:		
Pay Roll .....	\$	1,109.11
Supplies .....		201.39
Pipe .....		1,776.78
Freight and Express .....		30.63
Labor .....		709.73
		\$ 3,827.64
13. Service Pipe Construction:		
Pay Roll .....	\$	2,294.32
Freight and Express .....		70.12
Supplies .....		2,474.05
Tools .....		127.74
Miscellaneous .....		.25
		\$ 4,966.48
14. Meter Construction:		
Meters .....	\$	1,301.68
Freight and Express .....		7.21
		\$ 1,308.89

## 15. Hydrants

Pay Roll .....	\$ 620.59
New Hydrants .....	351.48
Repairs .....	140.79
Tools .....	50.50
Fittings .....	1,341.61
Freight and Express .....	27.82
Miscellaneous .....	21.68
<hr/>	
Totals .....	\$ 2,554.47

## 16. Drinking Fountains

Repairs .....	\$ 000.00
Total .....	
Grand Total Expenditures .....	
	\$ 46,171.07

---

Balance Cash on Hand .....

359.88

## Cost of Plant:

Reported past years: .....

\$415,795.45

## Expended in 1924:

Hydrants .....	\$ 351.48
Service Pipe .....	4,966.48
Meters .....	1,308.89
Main Pipes .....	3,827.64
	<hr/>
	10,454.49
<hr/>	
Total to date .....	\$126,249.94

---

The interest for the year 1924 on serial bonds amounted to \$2,932.50 as follows:

June 1, 1924, \$58,000.00 bonds for six months at 4 % .....	\$1,160.00
June 1, 1924, \$19,000.00 bonds for six months at 4½ % .....	427.50
Dec. 1, 1924, \$47,000.00 bonds for six months at 4 % .....	940.00
Dec. 1, 1924, \$18,000.00 bonds for six months at 4½ % .....	405.00

There were \$11,000.00 in bonds at 4% and a \$1,000.00 bond at 4½ % paid in 1924.

The interest for the year 1925 on serial bonds amounts to \$2,447.50 as follows:

June 1, 1925, \$47,000.00 bonds for six months at 4 % .....	\$ 940.00
June 1, 1925 \$18,000.00 bonds for six months at 4½% .....	405.00
Dec. 1, 1925, \$36,000.00 bonds for six months at 4 % .....	720.00
Dec. 1, 1925, \$17,000.00 bonds for six months at 4½% .....	382.50

There are \$11,000.00 in bonds at 4% and a \$1,000.00 bond at 4½% payable in 1925.

The Superintendent recommends that \$6,685.00 be raised and appropriated for hydrant rental; that \$100.00 be raised and appropriated for water and drinking fountains.

**REGISTRATION REPORT**

---

Amount of bills (metered water) rendered in 1924 .....	\$ 35,008.47
Amount collected and paid Treasurer .....	\$ 35,008.47
Amount uncollected .....	.00
Amount abated .....	.00
	\$ 35,008.47
Amount of bills (metered water) of previous years uncollected .....	\$ 82.20
Amount of bills of previous years abated and re- charged .....	\$ 7.35
	\$ 89.55
Amount collected and paid Treasurer .....	\$ 89.55
Amount uncollected .....	.00
Amount abated .....	.00
	\$ 89.55 \$ 89.55
Amount of service pipe construction bills ren- dered in 1924 .....	\$ 1,870.53
Amount of bills of previous years uncollected....	101.82
Amount of bills of previous years abated and re- charged .....	.00
	\$ 1,972.35
Amount collected and paid Treasurer .....	\$ 1,866.63
Amount uncollected .....	105.72
	\$ 1,972.35
Amount of service pipe maintenance bills ren- dered in 1924 .....	\$ 365.11
Amount of bills of previous years uncollected ....	27.47
Amount of bills of previous years abated and re- charged .....	.00
	\$ 392.58
Amount collected and paid Treasurer .....	\$ 392.58
Amount uncollected .....	.00
	\$ 392.58

**FINANCIAL STATISTICS**

**RECEIPTS**

Balance brought forward from 1923 ..	\$ 2,485.67	<b>Water Works Maintenance:</b>
From meter rates .....	\$35,098.02	Total maintenance .....
Total from consumers .....	35,098.02	Interest on bonds .....
For fountains .....	100.00	Payment of bonds .....
For hydrants .....	6,240.00	-----
	-----	\$35,616.58
	\$ 6,340.00	<b>Water Works Construction:</b>
Total from municipal departments ..		Extension of mains .....
Rents, interest, etc. .....	248.05	Extension of services .....
Service pipes .....	2,259.21	Extension of meters .....
	-----	-----
		New supply of hydrants .....
		Total construction .....
		Balance .....
	-----	-----
Total .....	\$46,430.95	Total .....

**EXPENDITURES**

Total maintenance .....	\$20,684.08
Interest on bonds .....	2,932.50
Payment of bonds .....	12,000.00
	-----
	\$35,616.58
Extension of mains .....	\$ 3,827.64
Extension of services .....	4,966.48
Extension of meters .....	1,308.89
	-----
New supply of hydrants .....	351.48
Total construction .....	\$10,454.49
Balance .....	-----
	-----
Total .....	\$46,430.95

## COMPARISON OF THIS YEAR'S TOTAL BILLS TO CONSUMER WITH PAST YEARS

## BUDGET OF ABOVE COMPARISONS

## KINDS AND SIZES OF METERS IN USE

January 1, 1925

MAKE	SIZES						Total
	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{2}$ in.	$1\frac{1}{2}$ in.	2 in.	
1 Federal.....	1	.....	.....	.....	.....	1	1
2 Niagara.....	1	.....	.....	.....	.....	1	2
3 Gem.....	5	.....	.....	.....	.....	.....	5
4 Keystone.....	1	.....	.....	8	.....	.....	9
5 Pittsburg.....	14	.....	.....	.....	.....	1	15
6 Thompson.....	18	.....	1	.....	.....	.....	19
7 Worthington.....	25	1	.....	.....	.....	1	27
8 Columbia.....	30	.....	.....	.....	.....	.....	30
9 Union.....	27	.....	2	.....	1	3	33
10 Lambert.....	41	.....	2	.....	.....	.....	43
11 Gamon.....	62	.....	2	.....	.....	.....	64
12 Crown.....	74	2	2	.....	2	7	87
13 Neptune.....	100	.....	.....	.....	.....	.....	100
14 Hersey.....	190	4	12	.....	7	2	215
15 Empire.....	264	.....	3	.....	.....	.....	267
16 Nash.....	1026	13	12	.....	5	2	1058
Total .....	1879	20	36	8	15	17	1975

## YEARLY RECORD OF PUMPING SERVICE

From Jan. 1, 1924, to Jan. 1, 1925

MONTH	No. Days	Hrs. Min.	Gallons Pumped	Total Head	Pounds Coal	Gals. to Lbs Coal	Rain-fall
January.....	31	357 45	9,173,838	219	53,613	171	3.77
February.....	29	361 30	8,872,110	219	51,440	172	2.55
March.....	31	461 30	10,123,892	219	54,330	186	1.71
April.....	30	269 15	9,592,940	219	53,940	178	4.25
May.....	31	284 15	10,339,497	219	56,098	184	3.10
June.....	30	292 30	10,395,256	219	57,194	182	2.53
July.....	31	348 15	12,220,835	219	63,247	193	2.70
August.....	31	326 30	10,815,330	219	57,522	188	4.80
September.....	30	261 15	9,089,494	219	51,177	178	7.95
October.....	31	278 00	9,869,371	219	56,934	175	0.05
November.....	30	261 45	9,275,637	219	53,520	173	2.56
December.....	31	279 45	9,885,655	219	56,617	175	1.52
Totals .....	366	3782 15	119,653,855	219	665,632	180	37.49

### RAINFALL

The average rainfall for Massachusetts as deduced by the State Department of Health from long continued observation in various parts of the State is 44.59 inches.

As may be seen by a table in this report showing the amount of rainfall for the years 1900 to 1924 inclusive, the average rainfall at the Reading Pumping Station is 41.15 inches. The rainfall this past year was a deficiency of 7.10 inches compared with the State observations and a deficiency of 3.66 inches for the Pumping Station. There was an excess of rainfall in the months of January, April, August and September of 7.80 inches and a deficiency in the other months of 9.93 inches, comparing each month with an average rainfall between the years 1900-1924 inclusively.

The greatest rainfall in any one day was on September 9th, 4.52 inches.

The elevation of the Reading Pumping Station is approximately 80 feet above sea level.

Month	Normal Rainfall (Inches)	Rainfall in 1924 (Inches)	Excess or Deficiency in 1924 (Inches)
January .....	3.38	3.77	- - .39
February .....	3.46	2.55	— .91
March .....	3.58	1.71	—1.87
April .....	4.19	4.25	- - .06
May .....	3.13	3.10	— .03
June .....	3.60	2.53	—1.07
July .....	3.60	2.70	— .90
August .....	3.28	4.80	- -1.52
September .....	3.64	7.95	- -5.83
October .....	2.63	0.05	—2.58
November .....	3.20	2.57	— .63
December .....	3.46	1.52	—1.94

TABLE SHOWING THE AMOUNT OF RAIN AND MELTED SNOW  
FOR YEAR ENDING DEC. 31, 1924

Day of Month	January	February	March	April	May	June	July	August	September	October	November	December	Day of Month
1	.77	.07		1.53	.01				.22				1
2	.05	.02		.02					.86				2
3	.02	.07				.14							3
4	.96	.80	.05		.04	.07							4
5	T	.02	.02	1.33		.04			.52	T		.37	5
6						.04		.06					6
7				.15	.43			.04			.05		7
8					.03		.20		.04	T		.15	8
9					T	.48			.03	4.52			9
10	.05	.06	.07		.03		.40	.58	.32				10
11	.29		.99		.09			.02			.03		11
12		T	.13		1.32			.92			.02	.06	12
13					.02	.02	T	1.21	.01	.06		.04	13
14						.10							14
15							.28						15
16	.62						.02					.02	16
17								.44	.24	.33			17
18												.18	18
19		.28	T	.80		.02			T				19
20		1.23		.06	.01								20
21				.04	T	.25		.02					21
22				.10	.02	.07					T		22
23							.01		.50		1.11		23
24	1.11					T						T	23
25	.90					.68						.17	24
26					.11		1.62					.18	24
27								.32	2.43				25
28													26
29													27
30													28
31													29
Total	3.77	2.55	1.71	4.25	3.10	2.53	2.70	4.80	7.95	.05	2.56	1.52	Total
T to D	3.77	6.32	8.01	12.28	15.38	17.91	20.61	25.41	33.36	33.41	35.97	37.49	T to D

## RAINFALL AT PUMPING STATION

1900—1924

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>1</sup>	Total
1900	5.32	8.69	5.03	2.15	4.60	3.13	1.90	3.17	4.15	3.31	5.05	2.44	48.94
1901	1.33	1.08	5.88	9.59	7.21	1.74	4.65	2.66	3.59	2.76	3.06	8.10	51.65
1902	1.80	6.11	4.69	6.22	1.69	1.98	3.02	3.75	4.01	4.91	0.99	5.60	44.77
1903	3.84	3.16	6.38	4.95	0.48	8.91	3.40	3.42	2.29	3.69	1.33	2.59	44.44
1904	4.42	2.21	2.21	9.90	3.56	2.56	1.88	4.26	5.16	2.02	1.80	2.25	42.23
1905	5.44	1.47	2.92	2.59	1.39	6.11	1.19	3.30	7.87	1.20	2.22	3.72	39.42
1906	2.60	2.53	6.48	2.84	5.14	2.63	5.88	4.18	1.36	2.38	3.31	3.08	42.41
1907	3.97	2.10	2.40	3.21	2.89	3.80	3.58	1.33	7.90	3.36	6.83	3.60	44.97
1908	3.07	4.28	2.72	1.71	4.00	1.58	3.09	4.07	0.86	3.56	1.10	2.66	32.70
1909	4.17	5.33	3.57	3.95	1.97	2.14	3.59	2.75	3.74	1.23	4.06	3.60	40.10
1910	4.54	3.14	1.58	2.32	1.19	4.36	1.98	2.61	2.45	1.48	4.30	1.92	31.87
1911	2.25	2.94	3.12	0.89	0.67	3.43	4.79	3.80	2.94	2.91	4.14	3.57	36.45
1912	2.68	2.42	5.04	4.05	5.73	0.29	6.44	2.02	3.02	1.45	3.10	4.80	41.04
1913	2.48	2.64	4.51	3.76	3.45	0.93	1.68	3.48	3.66	7.56	2.13	3.24	39.52
1914	3.34	3.65	4.09	6.32	2.76	1.44	2.34	2.78	0.23	1.51	2.92	3.69	35.07
1915	5.52	3.54	0.00	2.72	1.68	4.60	8.76	6.66	0.70	2.80	2.93	5.47	45.38
1916	1.22	5.37	3.37	5.14	4.59	5.86	3.13	2.30	3.11	1.01	1.94	2.91	39.95
1917	2.92	2.41	4.18	2.90	4.00	4.78	1.19	3.70	1.46	5.75	1.39	2.65	37.33
1918	3.08	3.02	2.02	4.10	0.85	3.04	2.99	2.81	8.37	1.02	2.24	2.18	36.02
1919	3.24	3.61	4.01	2.46	5.44	0.88	3.22	3.83	5.65	2.63	6.20	1.53	42.70
1920	2.75	6.46	4.21	5.75	3.27	5.24	1.94	2.02	4.27	1.16	4.67	4.82	46.56
1921	2.09	3.43	2.43	5.48	1.86	4.02	9.79	1.96	1.74	1.57	6.50	2.28	43.15
1922	1.77	2.72	4.27	1.37	5.08	11.27	4.88	3.29	3.68	2.73	1.06	3.12	45.24
1923	6.95	1.67	2.60	5.17	1.56	2.79	1.98	3.17	8.2	3.63	4.13	4.83	39.30
1924	3.77	2.55	1.71	4.25	3.10	2.53	2.70	4.80	7.95	.05	2.56	1.52	37.49
Average	3.38	3.46	—	—	—	—	—	—	—	—	—	—	41.15
	—	—	—	—	—	—	—	—	—	—	—	—	3.20
	—	—	—	—	—	—	—	—	—	—	—	—	3.46

**COMMONWEALTH OF MASSACHUSETTS—STATE DEPT. OF HEALTH**  
**Water Analysis—(Parts in 100,000)**

No.	APPEARANCE			EVAPORATION Residue on Filter Paper	AMMONIA Chlorine	NITROGEN AS Nitrate	HARDNESS Chlorides	Iron	Remarks
	Date of Collection	Turbidity	Sediment						
	1923								
173907	Dec. 14	Very slight		.10	15.90	.0006	.0022	.52	Discharge—Wells
173908	Dec. 14	Very slight		.10	15.60	.0006	.0010	.52	Discharge—Wells
173909	Dec. 14	Very slight		.10	16.10	.0006	.0012	.52	Discharge—Wells
173910	Dec. 14	Very slight		.08	17.80	.0004	.0020	.52	Discharge—Wells
173968	Dec. 15	Very slight		.10	16.40	.0004	.0112	.42	Discharge—Wells
173969	Dec. 15	Very slight		.10	17.00	.0006	.0112	.42	Discharge—Wells
173970	Nov. 13	Very slight		.45	10.10	.0140	.0152	1.36	Discharge—Wells
173971	Nov. 13	Very slight		.50	12.60	.0196	.0102	1.04	Discharge—Wells
173972	Nov. 13	Distinct		.05	13.20	.0024	.0054	.94	Discharge—Wells
173973	Nov. 13	Very slight							Discharge—Wells
174314	Jan. 21	None		.80	6.80	.0022	.0134	.48	Discharge—Wells
174315	Jan. 21	Slight		.50	7.40	.0136	.0104	.76	Discharge—Wells
174316	Jan. 21	Very slight		.10	16.60	.0016	.0046	.76	Discharge—Wells
174317	Jan. 21	Slight		.50	7.40	.0136	.0104	.76	Discharge—Wells
174318	Jan. 21	Very slight		.10	16.60	.0016	.0045	.70	Discharge—Wells
175112	Mch. 11	Considerable		.37	8.90	.0110	.0084	.90	Discharge—Wells
175113	Mch. 11	Slight		.45	9.00	.0110	.0086	.79	Discharge—Wells
175114	Mch. 11	Distinct		.35	8.30	.0110	.0086	.80	Discharge—Wells
175115	Mch. 18	Slight		.28	7.60	.0112	.0086	.78	Discharge—Wells
175116	Mch. 24	Considerable		.02	16.00	.0012	.0040	.94	Discharge—Wells
175117	Mch. 24	Slight		.14	14.40	.0020	.0060	.80	Discharge—Wells
175118	Mch. 24	None		.13	14.90	.0018	.0074	.71	Discharge—Wells
175119	Mch. 24	None		.13	15.00	.0006	.0060	.68	Discharge—Wells
175120	Mch. 24	None							Discharge—Wells
1776045	May 17	None		2.00	6.40	.0060	.0272	.48	Discharge—Wells
1776046	May 18	Slight		.90	7.80	.0098	.0106	.62	Discharge—Wells
1776047	May 19	None		.20	16.70	.0012	.0048	.62	Discharge—Wells
1776048	May 19	Very slight		.25	16.00	.0002	.0054	.50	Discharge—Wells
177300	July 24	Very slight		.62	9.60	.0114	.0268	1.84	Discharge—Wells
177301	July 24	Distinct		.00	10.40	.0208	.0178	1.00	Discharge—Wells
177302	July 24	Very slight		.25	17.30	.0004	.0086	.76	Discharge—Wells
177303	July 24	Very slight		.23	18.20	.0000	.0076	.78	Discharge—Wells
178390	Sept. 15	None		.35	19.20	.0002	.0078	1.29	Discharge—Wells
178391	Sept. 15	None		.33	19.20	.0004	.0072	1.34	Discharge—Wells
178392	Sept. 15	Very slight		2.00	9.90	.0068	.0428	.63	Discharge—Wells

SUMMARY OF STATISTICS  
For Year Ending December 31, 1924

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**Reading Water Department,  
Reading, Middlesex County, Massachusetts**

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**General Statistics**

Population by census of 1920: 7424.

Date of construction: 1890 and 1891.

By whom owned: Town of Reading.

Sources of supply: Filter gallery and artesian wells.

Mode of supply: (Whether gravity or pumping): Pumping.

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**Pumping Statistics**

Builders of Pumping Machinery: Sullivan Mch. Co., George F. Blake Mfg. Co., and Platt Iron Works.

Description of fuel used:

Kind: Coal.

Brand of coal: New River.

Average price of coal per net ton delivered: \$7.49.

Percentage of ash.

Wood, price per cord:

Coal consumed for the year: 665,632 pounds.

Total pumpage for the year: 119,653,855 gallons, with allowance for slip.

Average static head against which pumps work: 219.

Average dynamic head against which pumps work: 240.

Number of gallons pumped per pound of equivalent coal: 180.

**Gallons pumped x 8.34 (lbs.) x 100 x dynamic head (240)**

Duty equals:

Total fuel consumed

Equals 35,980,715.4 including heating.

Cost of Pumping, figured on Pumping Station expenses including filtration, viz: \$11,589.11.

Per million gallons pumped: \$97.39.

Per million gallons raised one foot (dynamic) \$43.29.

**DISPOSITION OF BALANCE—Carried to New Account**

Net cost of works to date .....	\$426,249.94
Bonded Debt to date .....	65,000.00

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Cost of supplying water per million gallons figured on total maintenance of Pumping Station and Filter: \$97.39.

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Total cost of supplying water, per million gallons figured on total maintenance plus interest on bonds: \$180.78.

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**Statistics Relating to Distribution Mains**

Kind of Pipe: Cast iron.

Sizes: From 6 inches to 12 inches.

Extended: 1143.3 feet during year of six-inch pipe.

Total now in use: 33.68 miles.

Cost of repair per mile: \$0.00.

Length of pipe less than 4 inches in diameter: 0 miles.

Number of hydrants (public and private) now in use: 205.

Number of stop gates added during the year: 0.

Number of stop gates now in use: 310.

Number of stop gates smaller than 4 inch: 0.

Number of blow-offs: 14.

Range of pressure on mains: 45 lbs. to 90 lbs.

Kind of pipe: Cast iron, galvanized iron, lead and cement-lined.

Sizes:  $\frac{3}{4}$  to 6 inches.

Extended: 7121.15 feet.

Discontinued: 0 feet.

Total now in use: 29.57 miles.

Number of service taps added during year: 79.

Number now in use: 2017.

Average length of service, 1924: 60.00 feet.

Average cost of service, 1924: \$62.86.

Number of meters added: 109.

Number now in use: 1965.

Percentage of services metered: 98.

Number of motors and elevators added: 0.

Number now in use: 0.

## WATER DEPARTMENT

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Following is the principal work performed other than repairs together with recommendations for the ensuing year.

### Pumping Station

The Board of Public Works having received a letter dated Nov. 19, 1923, from the State Department of Public Health in which they called their attention to the fact that during the preceding summer water had had been taken from the Ipswich River, and recommending that "An investigation be begun as soon as practicable, for the purpose of obtaining adequate water supply for the town from some suitable source," employed Mr. F. A. Barbour, Consulting Engineer of Boston, to make such an investigation and to report on the condition of our water supply.

During the months of February and March experiments and tests were conducted at the Pumping Station. It is interesting to note that for sixteen days, during the test, the deep wells were operated continuously, with the gallery supply shut down, except for short intervals necessary to meet the demands of the town. It might be said now that during ordinary running the Filter Gallery furnishes about 60% of the supply of water consumed by the town, and the wells 40%.

To publish the entire contents of the report is unnecessary but it might be said that Mr. Barbour, after giving a general statement and resume of his report, took under consideration the following subjects, namely: The present water supply of Reading which includes gallery and wells; the operation and routine work at the station; the quantity and quality of the available water and present supply; the cost of the present supply, and the fire services obtainable.

He then took up the question of the Metropolitan supply, the law governing the entrance fee and annual payments, the necessary pipe connection, the quantity and quality of water and the fire service which would be rendered by gaining admission, and lastly the comparing of cost, quantity, quality and fire service of the present supply with that of the Metropolitan supply, and then gave his conclusion.

In reporting on the future supply of Reading, Mr. Barbour states: "In our opinion, the future supply of Reading must be obtained either from the Ipswich Valley by further development of the area adjacent to the present works, or from the Metropolitan District system.

"In reference to the possibilities of some more distant locations in the Ipswich Valley—it is to be remembered that Martin's Pond, Swan

Pond, Sandy Pond, Silver Lake, and various well locations have been studies in the past by competent engineers, and discarded as infeasible for various reasons.

"The surface waters of the Ipswich Valley are generally high in color and the sub-surface sands in considerable part are over-lain with soil containing much vegetable matter, with the result that the ground water generally contains iron and this iron, because of the influence of the organic content of the water, is, as in the case of the present supply, difficult to remove.

"In our opinion, therefore, it is highly improbable that a satisfactory supply can be obtained from any other location in the Ipswich Valley at less cost per gallon of water than that of the present supply—so highly improbable that, in our judgment, the cost of any further detailed investigation would not be justified.

"As to the possibilities of further extension of the present deep well system, or of developing an auxiliary supply from the ground at some point not far distant from the present station—the answer can only be found by actual trial, involving a substantial outlay. In our opinion, however, any such further development will increase the present per gallon cost of the entire supply because, while in estimating the cost of the present supply, the interest and bond charges have been disregarded, these charges must be recognized in considering the relative feasibility of any further development of the existing plant involving additional investment.

"In more detailed reference to the advisability of additional wells, it may be stated that the draw-down of the water table in the twenty-two day test of February-March, 1924, with the six days required for the replacement of the excess in draft during the sixteen days of continuous pumping over that normally incident to eight hour pumping, does not indicate that more wells adjacent to the station will furnish much additional water. More wells will increase the possible rate of draft and enable such additional water as is available to be added to the supply within the limits of one-shift operation, but in any case the increased drawn-down will add substantially to the cost of pumping the water so obtained. As to whether more wells at greater distance from the station will materially add to the supply, cannot be known without trial, but here again the interest charges and the operating expense will result, in our opinion, in a per gallon cost greater than that of the present supply, as already figured on operating expenses alone.

"There remains the Metropolitan District supply—recommended to the town in 1895 by the State Department of Health. Whether in view of the necessity within three years of increasing the capacity of the present plant, and if such further development of this plant will result in a per gallon cost higher than that of the existing supply, the time has come for the abandonment of the present works and entrance into the

Metropolitan District, can safely be measured by a comparison of the cost, quality and effective pressure of the present supply with the corresponding conditions incident to a connection with the Metropolitan system—figuring cost of the present supply on operating charges alone and including in the Metropolitan not only the annual assessment but also the interest and bond charges on the additional investment in entrance fee and construction of the connecting pipe line. On this basis the loss of investment due to the abandonment of the present works is discounted." Mr. Barbour closes his report with the following conclusion:

"In view of the foregoing comparison, it is concluded that Reading should at once seek the legislation necessary to enter the Metropolitan District and that no further expenditure should be made in the improvement or development of the present supply."

#### **General Maintenance and Construction**

Seventy-nine applications for water services have been received and constructed during the past twelve months, which is an increase of twenty-two over last year. The average length of these services is approximately sixty feet and their total linear length amounts to 4,739.75 ft. Since 1899 when ninety-seven services were constructed, the Department has not put in as many water services as they have this year.

In order to accomplish the above work, the distributing mains, had to be extended some 3,524.70 feet, which makes a total of 8,264.45 ft. of trench work for the year for the Water Department. The most important of these distributing mains were Bancroft Avenue, 300 feet northerly to Tower Road; South Street, 393 feet easterly to a point where the street makes a right-angle turn to the left going in from West Street; Forest Street, 450 feet westerly from Van Norden Road; and North Pearl Street, 709 feet southerly from the property owned by Mr. Davis. The  $1\frac{1}{4}$  inch main on Hanscom Avenue, between the hydrant near Mr. Austin's house and Tower Road, was replaced by a six-inch pipe, since building operations in this vicinity demanded a larger sized main. The Department has in its distributing system over five miles of  $1\frac{1}{4}$  inch mains which were laid during past years. These mains which were of sufficient capacity at the time of their construction are now becoming overloaded and in the near future several will have to be replaced by six-inch pipe. The latter will also give hydrant protection whereas the former will not.

Several times during the year a thorough investigation of all hydrants was made, with the following results: Forty-two drips (a drip is the small hole in the base of the hydrant which drains the barrel or stand pipe of the hydrant after use) have been cleaned and opened where roots of trees or other foreign substance had worked their way in; two hydrants have been broken off by automobiles hitting them, and ten hydrants have been replaced. Six have been raised one foot, and three, eighteen inches. In raising the hydrants, an extension piece was inserted between the barrel of the hydrant and the hydrant post, with new

and longer extension rods replacing the old ones. This method of raising was found to be far more satisfactory than by using off-sets in the connection which is between the water main and the hydrant, for it saved 80% of the labor charge and also placed the hydrant out of operating use for only about  $\frac{1}{4}$  of the time. The cost of materials, however, was about the same. The building up of the road surfaces, which prevented the use of the steamer connection of the Fire Department, was the cause of the raising of the hydrant. In all cases where hydrants have been replaced, they have been gated. This is a very important factor, since the increase of automobile traffic advances materially their risk of being broken and where hydrants are not gated, a large amount of distributing mains often have to be shut off, in order to repair or replace them. Other repairs have been made of minor importance, such as repacking of the stuffing box nuts, oiling and greasing the hose and steamer connections, painting, etc. There still remain more work on the raising of hydrants and replacements, but all at the time of this writing are in working condition. Article XV, Section 1, of the By-Laws of the Town of Reading states that "No person shall turn on or off the water at any water main, service pipe, hydrant, water post, drinking fountain or other fixture or appurtenance connected with the Reading Water Works, or make any opening into or connection therewith, without authority from the Superintendent of the Water Department, excepting that hydrants may be used by firemen in the discharge of their duty." The improper understanding of the operation of hydrants is ninety per cent of the cause of hydrants being put out of condition. This coming year permits will be issued by the Superintendent only to those who are authorized by him to operate hydrants, excepting firemen in the discharge of their duty. For the town's own safety, the Superintendent sincerely wishes that citizens would promptly report anyone known to be meddling with our hydrants. The men to whom permits are given will be instructed to show them upon request. A list of hydrants with a new description as to their location will be found at the end of his report.

On account of the age of many of the water meters, a large number were taken out and either cleaned and repaired by the Department's men or sent to their respective factories for general overhauling. The Department had to buy 109 meters of different sizes to take care of new house services which have been constructed during the past two years.

The Department not having available funds to construct a permanent water main on Forest Street to take care of water applications received at the office, laid a temporary main on the ground of approximately 2000 feet in length, which supplied families during the warm weather months of the year. This main had to be removed during November on account of cold weather.

Other work of minor importance has been done, such as the repairing of services, putting on new shut-offs in cellars, cleaning and repairing of shut-off boxes, repairing leaks, etc.

The Pumping Station in general is in good condition, due to the personal care and supervision of Mr. Strout. Only very minor repairs, done by the station men, were necessary this past year. Next year the sand filters will doubtless have to be cleaned. In the fire box of boiler No. 1, the brick lining is showing signs of general wear and should be re-lined this coming year. The plungers of the pumps, although worn through thirty-four years of use, will doubtless stand for a year or two more.

The Stand Pipe this coming year should be cleaned inside. The number of new meters which the Department will need in 1925 will depend on building operations. Approximately \$1,200.00 ought to cover the meters needed as dwellings are ready for them. On account of water applications received at the office a six-inch main should be laid on Forest Street, from Pearl Street to Grove Street, and on Libby Avenue, from Salem Street to its present end. Hydrants set along the lines on these two main extensions will materially help the Fire Department in fighting forest fires.

#### **Location of Fire Hydrants**

##### **Ash Street**

West Side, opposite No. 50.

West Side, North corner Shackford Road.

West Side, North corner Cross.

##### **Auburn Street**

South Side, West corner Beacon.

South Side, in front of Weston's Greenhouse.

##### **Bancroft Avenue**

West Side, South corner Middlesex Avenue.

East Side, South corner Weston Road.

East Side, opposite Tower Road.

##### **Bay State Road**

North Side, West of No. 52.

North Side, West corner of Haverhill.

##### **Berkeley Street**

West Side, in front of No. 14.

##### **Brook Street**

East Side, South corner Ash.

##### **Center Avenue**

North Side, West of No. 13.

##### **Deering Street**

East Side, South corner Lowell.

##### **Dudley Street**

North Side, West corner Deering.

##### **Eaton Street**

East Side, South corner Salem.

East Side, North corner Pleasant.

**Elliott Street**

East Side, North corner Green.

**Fair Road**

North Side, opposite house of A. H. Parsonson.

**Federal Street**

North Side, in front of No. 35.

**Franklin Street**

North Side, East corner Pearl.

North Side, East of No. 159.

North Side, East of No. 279.

West Side, opposite No. 336.

West Side, North of No. 393.

West Side, North of No. 413.

East Side, near Grove Street.

**Fremont Street**

North Side, East corner Berkley.

**Grand Street**

East Side, in front of No. 27.

**Green Street**

North Side, in front of No. 18.

North Side, in front of No. 104.

**Grove Street**

West Side, in front of No. 22.

West Side, in front of No. 52.

West Side, opposite Forest.

West Side, South of No. 151.

**Hancock Street**

West Side, in front of No. 26.

**Hanscom Avenue**

West Side, North of No. 8.

West Side, opposite No. 33.

**Hartshorne Street**

West Side, in front of No. 18.

**Haven Street.**

North Side, East corner Chute.

North Side, opposite Gould.

South Side, opposite Linden.

South Side, opposite Sanborn.

North Side, in front of No. 100.

**Haverhill Street**

West Side, North corner Wakefield.

West Side, in front of No. 266.

West Side, South corner Charles.

West Side, North of No. 368.

West Side, North of No. 454.

West Side, corner Franklin.

#### High Street

East Side, South corner Mt. Vernon.

East Side, in front of No. 135.

East Side, opposite Mineral.

East Side, opposite Vine.

#### Highland Street

East Side, opposite No. 40.

West Side, South corner Locust.

#### Highland Road

North Side, West corner Waverly Road.

#### Hill Crest Road

East Side, North corner Ellis Avenue.

East Side, opposite No. 49.

#### Howard Street

South Side, in front of No. 24.

South Side, West corner Sigsbee Avenue.

#### John Street

West Side, North corner Pleasant.

West Side, North corner Haven.

West Side, corner Village

East Side, opposite Boston Stove Foundry.

#### King Street

South Side, opposite No. 13.

#### Kingston Street

East Side, in front of No. 13.

#### Linden Street

West Side, in front of Home for Aged Women.

#### Locust Street

South Side, in front of No. 24.

#### Lowell Street

South Side, West corner Sanborn.

North Side, East corner Bancroft Avenue.

South Side, West corner Grand.

South Side, East corner Willow.

South Side, opposite No. 223.

South Side, opposite No. 281.

#### Main Street

West Side, South corner Pearl.

West Side, South corner Franklin.

West Side, South of No. 430.

West Side, South of No. 408.

West Side, opposite No. 399.  
West Side, opposite No. 383.  
West Side, North corner Forest.  
West Side, in front of No. 326.  
West Side, North of No. 306.  
West Side, South of No. 294.  
West Side, in front of No. 250.  
West Side, South corner Locust  
West Side, opposite Charles.  
West Side, North corner Salem.  
West Side, South point of Common.  
East Side, in front of Reading Inn.  
East Side, in front of Theater lunch. , ,  
West Side, South corner Green.  
West Side, North side of Railroad Crossing.  
West Side, opposite Avon.  
West Side, South corner Summer Avenue.  
West Side, North corner Hopkins.  
West Side, North corner South.  
West Side, South of No. 16.

Maple Street

    East Side, in front of No. 4.

Middlesex Avenue

    South Side, East corner Deering.

Middlesex Avenue Extension

    North Side, in front of No. 23.

Mill Street

    South Side, opposite Pumping Station.

Mineral Street

    North Side, East corner Vine.

    North Side, East corner Hancock.

    North Side, East corner Summer Avenue.

Minot Street

    West Side, in front of No. 52.

    West Side, South of Warren Avenue.

    West Side, in front of No. 16.

Mt. Vernon Street

    North Side, opposite Chute.

Oak Street

    North Side, West corner Hill Crest Road.

    North Side, opposite No. 78.

Orange Street

    South Side, East corner Belmont.

Park Avenue

    North Side, opposite No. 24.

## Parker Street

East Side, near Central Fire Station.

## Pearl Street

East Side, South corner Thorndike  
 East Side, South corner Charles.  
 East Side, opposite No. 108.  
 East Side, in front of No. 143.  
 East Side, opposite Forest.

## Pierce Street

West Side, South corner Orange.

## Pleasant Street

North Side, West corner Middle

## Pratt Street

East Side, North corner Fairview Avenue

## Prescott Street

North Side, opposite C. H. Bangs Co.'s Shop.  
 North Side, West corner Arlington  
 North Side, West corner Washington  
 North Side, East corner Pratt.  
 North Side, East corner Perkins Avenue.

## Prospect Street

West Side, in front of No. 34.  
 West Side, North corner King.  
 West Side, in front of No. 88.

## Salem Street,

North Side, opposite John  
 North Side, in front of Memorial Park.  
 South Side, opposite Pearl.  
 North Side, West corner Belmont.  
 North Side, West corner Bay State Road.

## Scotland Road

South Side, opposite No. 21.

## South Street

North Side, opposite No. 197.  
 North Side, East corner Curtis.  
 North Side, corner Walnut.  
 East Side, corner South.  
 East Side, West of No. 54.

## Summer Avenue

West Side, opposite Woodbine  
 West Side, South of No. 103.  
 West Side, opposite No. 130.  
 West Side, North corner Prescott.  
 West Side, South corner Scotland Road.  
 West Side, North corner Oak.

- West Side, South of No. 253.  
West Side, opposite No. 306.  
South Side, East corner Hopkins.  
North Side, West of No. 392.  
North Side, in front of No. 412.
- Temple Street  
    North Side, opposite No. 38.
- Union Street  
    South Side, West corner Middle.
- Village Street  
    East Side, North corner Green.
- Vine Street  
    South Side, East corner Vine.
- Wakefield Street  
    North Side, East corner of Charles.  
    North Side, East corner of Pearl.
- Walnut Street  
    North Side, near Hopkins.  
    North Side, opposite No. 56.  
    North Side, opposite Curtis.  
    North Side, opposite South.
- Warren Avenue  
    South Side, opposite No. 15.
- Washington Street  
    North Side, in front of No. 46.  
    North Side, West corner Ash.
- West Street  
    West Side, South of No. 22.  
    East Side, South of No. 34.  
    West Side, North of No. 46.  
    West Side, opposite Oak.  
    West Side, South of No. 128.  
    West Side, South of No. 164.  
    West Side, opposite King.  
    West Side, opposite No. 241.  
    East Side, South of house of Emma S. Knowles.  
    West Side, opposite house of George P. Abbott.
- Willow Street  
    North Side, opposite No. 30.  
    West Side, South corner Summer Avenue.
- Winter Street  
    East Side, North corner Salem.
- Winthrop Avenue  
    East Side, South corner Weston Road.

## Woburn Street

- North Side, at Common.
- North Side, East corner Sanborn.
- North Side, West corner Linden.
- North Side, East corner Chute.
- North Side, East corner Washington.
- North Side, East corner Temple.
- North Side, opposite Pratt.
- North Side, East corner Summer Avenue.
- North Side, West corner Prospect.
- North Side, West corner Berkeley.

## Woodward Avenue

- North Side, West corner Vale Road.
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**Private Hydrants**

## Ash Street

- Reading Rubber Mfg. Co.
- 2 south of mill.
- 3 north of mill.
- 1 east of boiler house.

## Sanford Mills

- 2 north of mill.
- 1 east of mill.
- 2 south of mill.

- O. P. Symonds & Sons
- 1 west of mill.

## John Street

- Boston Stove Foundry
- 1 near office.
- 1 near water tank.

## HIGHWAY DEPARTMENT

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**To the Board of Public Works:**

Gentlemen:—The following is the yearly report of the Highway Dept.:

**Appropriations and Balances:**

1. Voted in March Town Meeting for Highway Maintenance .....	\$50,000.00
2. Removal of Snow and Ice .....	4,000.00
3. Cleaning Drainage Ditches .....	3,000.00
4. Balance to be spent on Survey and Plans for Special Drainage System .....	1,000.00
5. Balance to be spent on Sidewalk No. Main St. ....	175.06
6. Balance to be spent on Forest St. ....	307.54
7. Balance to be spent on South St. ....	538.08
8. Voted in March Town Meeting for construction of High Street Drain .....	20,000.00
9. Voted in March Town Meeting for the establishment of of Building Lines .....	2,500.00
 Total .....	 \$81,520.68

**Expenditures and Balance of the Above Appropriations:**

1. Appropriation for Highway Maintenance ..	\$50,000.00
2. Credit received from Employers' Liability Co.	98.29
 Total .....	 \$50,098.29

**Pay Roll Distribution:**

1. General .....	\$ 4,223.36
2. Maintenance .....	6,378.65
3. Catch Basins .....	378.75
4. Gutters .....	669.48
5. Drains and Culverts .....	587.90
6. K. P. Patching .....	1,323.19
7. Repairs to Equipment .....	726.14
8. Shop .....	323.65
9. Burning Leaves .....	119.72
10. Crushing Stone .....	58.88
11. Cutting Brush .....	741.42
12. Sidewalks .....	83.97
13. Sand Pit .....	68.24
14. Gravel Pit .....	16.78
15. Miscellaneous .....	213.90
 Total .....	 \$15,914.03

## Purchases:

1. General Repairs .....	\$ 2,369.37
2. Tools and Supplies .....	918.63
3. Oil and Gasoline .....	894.71
4. 45% Asphalt Oil .....	1,359.79
5. Signs .....	32.00
6. Auto Registration .....	12.00
7. Tarvia B. ....	14,780.58
8. Tarvia X .....	3,383.50
9. Tarvia K. P. ....	518.71
10. Crush Stone .....	3,145.03
11. Hauling Stone .....	185.46
12. Freight and Express .....	265.04
13. Sidewalk Construction ..	1,477.79
14. Municipal Light Dept. ..	50.63
15. Telephone .....	61.56
16. Printing .....	3.38
17. Drain Construction ....	593.09
18. Coal .....	300.02
19. Gravel Pit .....	108.50
20. Constructing Curbing ....	767.25
21. Office Supplies .....	58.97
22. Hauling Gravel .....	1,799.50
23. Miscellaneous .....	1,163.15

Total .....	\$ 49,904.79
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Balance unexpended ....	\$ 193.50
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2. Appropriation for the removal of  
Snow and Ice .....

	\$ 4,000.00
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## Expended:

1. Pay Roll .....	\$ 2,643.23
2. Cost of Snow Plowing ..	945.50
3. Repairs to Equipment ....	599.72
4. Gasoline .....	145.22
5. State Snow Plowing ....	268.73
6. Freight and Express ....	33.61
7. Tools and Supplies .....	101.84

Total .....	\$ 4,737.85
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Balance unexpended ....	\$ 737.85
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3. Appropriation for Cleaning Drainage Ditches .....	\$ 3,000.00
<b>Expended:</b>	
1. Pay Roll .....	\$ 710.43
2. Supplies .....	2,133.72
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Total .....	\$ 2,844.15
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Balance unexpended .....	\$ 155.85
4. Appropriation for Survey and Plans for Special Drainage	\$ 1,000.00
<b>Expended:</b>	
1. No expenditures in 1924 ..	\$ 000.00
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Balance unexpended .....	\$ 1,000.00
5. Balance to be spent on sidewalk	
No. Main Street .....	\$ 175.06
1. No expenditures in 1924 ..	\$ 000.00
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Balance unexpended .....	\$ 175.06
6. Balance to be spent on Forest St.	\$ 307.54
<b>Expended:</b>	
1. Pay Roll .....	\$ 124.12
2. Freight and Cinders .....	173.42
3. Miscellaneous .....	10.00
<hr/>	
Total .....	\$ 307.54
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Balance unexpended .....	\$ 000.00
7. Balance to be spent on South St.	\$ 538.08
<b>Expended:</b>	
1. Pay Roll .....	\$ 371.46
2. Bills .....	70.24
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Total .....	\$ 441.70
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Balance unexpended .....	\$ 96.38
8. Appropriation for High St. Drain	\$20,000.00
<b>Expended:</b>	
1. Pay Roll .....	\$ 1,095.11
2. Engineering .....	1,365.36

3. Contractor .....	14,577.62
4. Freight and Express ....	12.28
5. Miscellaneous .....	2,949.63
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Total .....	\$20,000.00
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Balance unexpended .....	\$ 000.00
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9. Appropriation for Building Lines	\$ 2,500.00
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Expended:

1. Engineering .....	\$ 1,592.52
2. Plans .....	86.35
3. Miscellaneous .....	1.25
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Total .....	\$ 1,680.12
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Balance unexpended .....	\$ 819.88
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**Totals**

Items	Appropriations	Expenditures	Balance	Balance Carried Forward to 1925
1.	\$50,098.29	\$49,904.79	\$ 193.50	\$
2.	4,000.00	4,737.85	737.85	
3.	3,000.00	2,844.15	155.85	
4.	1,000.00		1,000.00	\$1,000.00
5.	175.06		175.06	175.06
6.	307.54	307.54	000.00	
7.	538.08	441.70	96.38	96.38
8.	20,000.00	20,000.00	00.00	
9.	2,500.00	1,680.12	819.88	819.88
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Totals	\$81,618.97	\$79,916.15	\$1,702.82	\$2,091.32

The details of economic highway design are everywhere a local problem depending on the available materials, climatic conditions, and traffic requirements. Where funds are unlimited, the problem of good road construction is comparatively easy, and one which is strictly technical. Where funds are limited, however, the solution is more difficult, for one has to accomplish the same ultimate aim by the process of veneering. The latter, to a large degree, is the case of the Town of Reading, in road maintenance and construction, for the Board of Public Works has not had sufficient funds to construct what we term finished roads. Realizing that the tax payers deserve to have their money spent with care, the main design of the Board this past year has been to obtain the greatest mileage of passable roads from the

available funds, or stating it differently, to render as much serviceable and good road mileage as possible, well drained and for a reasonable expenditure, in keeping with the taxable resources of the Town, thus accomplishing the greatest good to the greatest number. Whether the Department has obtained this end, it is not for the Superintendent of Public Works to say, but the following report will give one an idea of the work which has been done by the Highway Department.

The lack of proper equipment to free the roads from snow, made it necessary often times for the Department to start ploughing from 4 to 5 A.M. and continuing till 9 or 10 P.M. The work was arranged so as to avoid any waste of time, the tractors and road ploughs going continuously through the noon hour, and even so there was much dissatisfaction expressed through telephone calls at the office and at the homes of Mr. Crowe and the Superintendent. When the men were not needed in the above work they were occupied in the overhauling and painting of the maintenance equipment, the mending of sidewalk ploughs, the bushing out of outlying streets, the cleaning of catch basins, ditches and culverts, patching of road surfaces broken by the rasping of tire chains, painting of street signs, etc. The above kept the Department busy during the first three months of the year.

Records show that during the month of April the snow equipment was put aside and the cleaning of gutters, constant K. P. patching, the dragging of outlying streets, and the filling in of mud holes was the program of the Department. The Square got in such a condition that it was found necessary on April 24, to scarify and apply Tarvia B to make it passable. The above date began our season's work.

As the roads were not thoroughly dried out at this time and as the bituminous macadam was found to be breaking up on Lowell Street by the Cemetery, as well as near the junction of Grove Street, this work was then taken up and the street was repaired at these two places. The amount of material used in the above work was 3350 gallons of Tarvia X and 183.75 tons of stone, which covered an area of approximately 1488 sq. yds, at a cost of \$.30 per sq. yd.

After the completion of the above, general maintenance work was started by the Department. This year the Board used only two grades of road dressing: 45% asphalt oil and Tarvia B. It is interesting to note that the aggregate of this year's materials on the maintenance work exceeds last year's by 1,098 gallons. Also that 37,395 gallons of Tarvia were applied over the amount used this year. The amounts used this year are: 17,268 gallons of 45% asphalt oil and 117,870 gallons of Tarvia B. It took 707 loads of sand to cover the Tarvia B, the approximate weight of which would be 2,960 tons. The above application covered an approximate area of 540,552 square yards, at an average of a gallon applied to every 4 square yards. It is interesting to note that 13% greater area was covered this year than last, and 110% more than during the year 1922. To give a clearer idea of the amount of road surface cov-

ered with the quantity of Tarvia and oil which we used this year, one might say that it would cover a 40-foot street 38.39 miles long with a road bed of 24 feet, 5 feet on each side used as a sidewalk and 3 feet for tree lawns.

It might be interesting to note that in the above maintenance work, Village Street and Parker Street were brought up to the proper grade by the hauling of some 844.5 cubic yards of coarse gravel before the 45% asphalt oil and Tarvia B were applied. Our Department trucks being busy on more necessary work, the hauling of the gravel was let out by contract and T. Quigley, of Winchester, Mass., was given this work to do. It took approximately 18 days of hauling in 5-ton trucks to complete the work.

The above application by no means covered all the streets in Town. The section north of Salem Street from Harrison Street to Winter Street, and south of Salem from John Street to Manning Street, did not receive attention by the Department this year. Auburn Street, Locust Street, Bancroft Avenue, north of Lowell, Beacon Street, and sections of others scattered about Town likewise did not get touched by the Department. To cover all the street area that one should an application of about 145,000 gallons of Tarvia B and 25,000 gallons of 45% asphalt oil would be required. The added length of time to do this work would add approximately three weeks of maintenance work to the highway program. The lack, both of sufficient appropriation and of time, was the cause of the above not being attended to, for beginning with the first of September, Salem Street from Pearl Street to the Town line of Wakefield, got into dangerous condition due to the breaking away of the shoulders on both sides. High Street also, between Haven and Woburn Streets, was becoming impassable and to have continued with the general maintenance work would have necessitated leaving High Street untouched.

There can be no economy in endeavoring to save money at the expense of maintenance. Take for example two roads equal in value for travel and construction. One is maintained and kept in repair by a small crew of men working periodically. The other is left un-repaired. The result is, the one maintained has stood up and is in just as good condition today as it was when first opened for traffic. The other road has so deteriorated as to be in need of entire resurfacing. It can be seen that the economical road is the one on which funds were spent for maintenance, and the more costly road, the one which was built and then so to speak, forgotten. The same holds true in relation to resurfacing the roads with material each year; for those streets, upon which no work was done this year, will require in proportion more work next year.

The question now arises, as it often does during the year, by those interested in our highways, why not build an ultimate road, one which we might forget. Here I might say that we do not know what the vi-

mate road will be and we do know that the cost would be prohibitive. With a certain appropriation for road building and maintenance, one must make a general study of conditions and use that fund so as best to meet the needs of the most people. If the Board started to build an expensive concrete road with the funds that would carry it only a short distance, with an expensive but small addition each year, they would soon meet with decided opposition.

The building out of the shoulders of Salem Street turned out to be more of a job than was contemplated. Certain sections of the street had to be entirely rebuilt and it required careful management to do this work and allow the traffic to pass at the same time. Fourteen hundred and eighty-five tons of different grades of stone were used, with 19,920 gallons of X. The area covered is approximately 11,382 sq. yds. at a cost of approximately \$.50 per sq. yd. It might be said that this work extended on Salem Street, from Pearl Street, to the Town line.

As another piece of repair work Mineral Street hill, from near the junction of High Street to Mineral Street bridge, was laid down with bituminous macadam. Due to the constant washing, stones protruded in such a way as to make it dangerous, and realizing that the only suitable treatment was macadamizing, the Board instructed this work to be done. The materials used for this work were 345.40 tons of different grades of stone, and 4,000 gallons of Tarvia X. The area covered was approximately 1,777 sq. yds. at a cost of \$.81 per sq. yd.

The laying down of High Street with bituminous macadam, from Woburn Street crossing to the junction of Haven Street, smoothed up one of the worst pieces of heavily traveled roads that we had in Town. It was impracticable to do this work previous to this year, for the inlets to the old drain, which was under the north sidewalk, varied so in elevation, that to obtain a smooth grade was impossible. The construction of the 36-inch tile block drain, with catch basins set at the proper elevation, made it possible to do away with the old inlets and to obtain a grade suitable for the street. The work was so carried on as to let traffic through during the process of construction. The materials used for this work were: 430.10 tons of different grades of stone and 8,670 gallons of Tarvia X. The area covered was approximately 3,152 sq. yds. at a cost of \$.86 per sq. yd.

In order to avoid having to keep certain highways partly shut-off over week ends through the construction of water and sewer connections, or Saturday mornings the Water and Sewer Department men were kept busy on cleaning drainage ditches. It was found necessary to totally re-ditch the waterway on the left of North Main Street opposite Mr. Nesmith's property, same having entirely grown in with weeds and witch grass. Attention was also given to the open ditches in the back of the Reading Rubber Co., the ditch that runs between Main Street, Prescott Street and Woburn Street, and also at the junction of Summer Avenue, West and Willow Streets. To tabluate them all is not necessary,

but as much time as possible was put into this work. On account of the side walls of the old stone catch basins falling in, which made a dangerous condition, three were rebuilt of the proper size and depth at the following places: West corner of Minot and Park Avenue, junction of Minot and Washington Streets, and at the Southwest corner of Kenney's Garage on South Main Street. The old tile connections to the above rebuilt catch basins, being very near to the surface of the street, had caved in, due to heavy trucking, and they were replaced by expanded metal connections. The side walls of the old stone culvert on South Street, 300 feet in from West Street, having gradually fallen in, finally blocked off the passage of the waterway and caused the flooding of a considerable amount of back area. At this location, too, a 36-inch expanded metal culvert was substituted. In order to haul sand out of the sand pit, the culvert under the roadway was likewise fixed with the same material. Several others were attended to in like manner about Town. A new catch basin and an inspection man-hole were constructed on Deering Street to take care of the surface water and the maintenance of the drain running along Harriman Avenue. The latter was cleaned and flushed this past year.

The Town raised and appropriated, through Article 19 of the March town meeting, \$20,000.00 for the construction of a surface water drain, extending from the open ditch at Washington Street crossing up High Street to the intersection of the west side line of Woburn Street. The reason for constructing this drain was that a great deal of the Town surface water was flowing on the Boston & Maine property. The old stone culvert under High Street sidewalk, which was the outlet of the above, was in very poor condition from being filled up, thus causing a dangerous backing up of the water on the railroad. The side walls were also loose, allowing water to filter through into basements along High Street, and to repair it would be practically the cost of a new one, and in a short period of time it would again become unfit for use.

The construction of the proposed drain (which was built in accordance with the plans submitted by F. A. Barbour, who has recently handed to the Board a design of the Drainage System of Reading), takes care of the water shed area which extends from Washington Street Crossing up High Street, Vine, Mineral, High, back to Middlesex Avenue, down Middlesex Avenue to Lowell, Lowell to Sanborn, Haven Street, 7-8 of Gould and Green Streets. The contract, which was awarded to Antony Cefalo, one of the fifteen who bid on the work, did not take in the entire area described above, but that area along High Street, with catch basin connections on Green, Haven, Chute and Woburn Streets. The old flag-stone culvert on Washington Street Crossing was replaced by one of reinforced concrete of proper size and capacity. The contractors were allowed to bid on either reinforced concrete pipe, reinforced concrete section, or a vitrified tile block section. The latter by the bids was the lowest, which ranged from \$13,000.00 to \$22,000.00. Although its

construction was apparently new in this immediate vicinity, it had been extensively used in the West for such purposes and proved to be very satisfactory, so the Board of Public Works sanctioned the construction with this material.

Two hundred thirty-eight and seventy-five hundredths (238.75) tons of different grades of stone have been used in patching about Town this year. It is an increase of one hundred seventeen and thirty-five hundredths (117.35) tons over last year. Approximately one hundred and fifty tons of stone dust have been hauled and spread on sidewalks.

In accordance with the general custom, the Board of Public Works advertised in The Reading Chronicle that the Highway Department would construct sidewalks during the latter part of the year, half the cost to be paid by the abutters. Five applications were received. The Board, realizing that certain repairs on sidewalks about Town were also necessary, let this work out by contract, since the Highway Department had all that they could attend to. The contract was awarded to John F. McDonough of Andover. Nineteen hundred eighty-three and sixty-nine hundredths square yards were laid in different sections about Town. Although the area covered exceeded last year's by five hundred twenty-three and sixty-nine hundredths sq. yds., this work had to be called off due to shortage of funds.

As there was no curbing along the edge of the sidewalk in front of Dr. Brown's property on Harnden Street, and the sidewalk was from ten to fourteen inches above the gutter in a jagged and dangerous condition, the Board authorized the construction of a concrete edge-stone to be installed. One hundred and forty-five feet of reinforced curbing was built and is proving to be very satisfactory indeed.

To some extent, the gravel bank on Mishawum Road, Woburn, has been used to build up on different streets the old road surfaces which were badly worn. Other work was performed, of less importance, such as hauling coal, lime and alumina to the Pumping Station, moving election booths, etc., and a table at the end of this report will give the total amount spent on each street this past year, itemizing the account into different kinds of work, and the miscellaneous expenditures, the total of which shows the distribution of the Highway appropriation for the year.

Beside laying out a carefully prepared program for road dragging, oiling, applying tarvia, and permanent construction of our Highways similar to the lines pursued during the past four years, a further development of our drainage system should be considered. The storm on September 10th, which registered the heaviest rainfall on record, 4.84 inches in twelve hours, produced troublesome conditions about Town too numerous to tabulate.

These troubles, as we all know, are due to the inadequate drainage system. The construction of our Highway program makes it imperative that along with it our drainage system be developed, for whereas the

old drains would take care of the water (previous to the present Highway work) they are now too few in number, too small in size, and, until conditions are revised, drainage damage to property will continue. It is the sincerest wish of the Superintendent that the townspeople of Reading support the Board of Public Works in whatever undertaking they might decide upon to further the development of our drainage system. The importance of this work cannot be too strongly impressed upon the minds of the citizens, for such development will be the foundation of better roads, better living conditions and better health.

A concrete curbing should be laid on the South side of High Street, from the junction of Vine up High to about opposite Dudley Street, to prevent surface water from running on private property.

The old autocar chassis should be turned in this year. It is now four years old and thoroughly worn out.

The roof of the Highway Barn should be reshingled and it would materially help in the general upkeep of our various kinds of work to add a band-saw to our repair maintenance kit.

Although a good many street signs have been replaced by new ones this past year many still are in poor condition. A standard post set in concrete at all street intersections should be erected, with proper signs placed thereon, whenever such an expenditure seems warranted in view of other pressing needs.



TABLE SHOWING AMOUNT EXPENDED ON STREETS FROM JANUARY 1ST, 1924, UNTIL DECEMBER 31, 1924



**TABLE SHOWING AMOUNT EXPENDED ON STREETS FROM JANUARY 1ST, 1924, UNTIL DECEMBER 31, 1924**



### SEWER DEPARTMENT

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To the Board of Public Works,

Gentlemen:—The following is the yearly report of the Sewer Department:

Construction and Maintenance

Balance Brought Forward .....	\$11,436.88
Receipts to date .....	33,356.98
<b>Total .....</b>	<b>\$44,793.86</b>

Expended:

Construction Account:

1. Pay Roll .....	\$ 161.33
2. Labor .....	16,679.93
3. Engineering .....	1,849.70
4. Boston and Maine R. R. ....	811.25
5. Freight and Express .....	1,062.04
6. Supplies .....	3,835.36
7. Plans .....	74.40
8. Miscellaneous .....	190.90
<b>Total .....</b>	<b>\$24,664.91</b>

Maintenance Account:

1. Pay Roll .....	\$ 1,702.71
2. Tools and Supplies .....	183.03
3. Oil and Supplies .....	260.91
4. Repairs .....	85.68
5. Freight and Express .....	170.00
6. Insurance .....	205.22
<b>Total .....</b>	<b>\$ 2,439.25</b>

Total Maintenance, and Const. Pay Roll and Bills \$27,104.16

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Balance .....

\$17,689.70

House Connection Account::

Balance Brought Forward .....	\$ 1,195.70
Cash Receipts to date .....	7,663.18
<b>Total .....</b>	<b>\$ 8,858.88</b>

## Expended:

1. Pay Roll .....	\$ 1,113.68
2. Labor .....	4,550.42
3. Engineering .....	290.05
4. Refunds .....	415.99
5. Freight and Express .....	25.30
6. Supplies .....	932.01
7. Tools, Construction .....	287.88
8. Miscellaneous .....	27.37
 Total .....	 \$ 7,642.70
 Balance .....	 \$ 1,216.18

**Sewer Maintenance and Construction**

At a meeting held by the Board of Public Works, on Friday, April 20th, 1923, a delegation of gentlemen from Minot Street, and the streets running off Minot Street, appeared before the Board to see if the Reading Sewerage System could not be extended to their section of the Town and respectfully asked the Board if they would not give it their serious consideration.

The Board realized that the ground water elevation was exceedingly high in this area, causing a great deal of cesspool trouble, and that during the warm wet months of the year unsanitary conditions existed. By the installation of this extension, it would not only relieve cesspool trouble, but the underdrains would pull the ground water elevation down to a considerable extent, so that water standing in cellars would also be eliminated, and lastly, the Town ought to receive a much higher per cent of revenue from the money expended, through sewer rentals, compared with the present revenue it now receives from the system which is now operating.

The Board informed the delegation that at that time there were not sufficient available funds to do the work, but that their request would be given consideration and the matter taken up at the next town meeting.

In accordance with this understanding, two articles were placed in the warrant of the special town meeting held Oct. 29th, 1923. Art. 4 authorized the Board to construct sewers in Sweetser Avenue, and Art. 5 to raise and appropriate \$15,000.00 for the purpose of paying for any portion of the cost of installing additional sewers in accordance with plans drawn by Mr. F. A. Barbour.

The Board then instructed Mr. Barbour to draw up plans, contracts and specifications to do the above described work, including also the construction of the sewer in Green Street, from Village to Main. The conditions along the latter street were similar to those of the Minot Street section. Fourteen bids were received on the proposal, ranging

in price from \$15,637.50 to \$35,839.50. The contract was awarded to Angelo Susi & Co., they being the lowest bidder, and their price within the estimated figure of the Board. This concern had also in the past constructed part of our present operating sewers. Contract and specifications were also gotten out for furnishing the pipe for the above work and this was awarded to Waldo Bros. & Bond Co. of Boston.

Work started on April 9th at the junction man hole at Main and Ash Streets, and progressed satisfactorily throughout the job, except that the Boston & Maine R.R. were exceedingly slow in getting in their girders so as to enable the sewer to cross under their tracks at Main Street Crossing.

In general, the work followed the lines and grades of the original plans with the exception of Park Avenue between Main and Minot Streets. The sewer at this point was carried directly through, connecting Main and Minot Streets, and the sewer on Minot Street south of Park Avenue, instead of running south was designed to flow north. By constructing the system in this way, it saved the construction of 320 feet of 12-inch sewer on Main Street. At the same time this change did not prevent any of the houses on the West side of Main Street from entering into the extension of the sewers.

The following table will serve to illustrate the amount of work which was accomplished in constructing the sewers this year, known as Section 8, in our sewer system.

#### 1924 Sewer Extensions

M. H. Con- Sts.	Lgth. of Sewer struct. 12" pipe	Const. of 10" pipe	8" pipe	Lgth. of Under Dr. S" pipe	Const of 6" pipe	5" pipe
Main St. 3	955.5			955.5		
Park Ave. 2		322.7	507.3	322.70		507.3
Pine Ave. 1			226.00			226.00
Minot St. 7			1409.65		437.50	972.15
Center Ave. 2			620.60			620.60
Maple St. 1			189.20			189.20
Warren Ave. 2			715.00			715.00
Sw'tser Ave. 1			334.30			175.00
Green St. 4			1268.00			545.30
Totals 23	955.5	322.7	5270.05	1278.20	437.50	3950.55
Total length of Sewers, 6548.25				Total length of Underdrain, 5666.25		

On account of the number of new water and sewer applications already coming into the office, the Board realized that the Water and Sewer Department men would be unable to take care of others to be expected from the new extension of the sewer system. A price was obtained from Angelo Susi & Co. which was satisfactory, and the Board instructed him to consider these laterals as part of his contract. Eighty-one application forms were sent out from the office to all property owners along the extension, with the result that fifty-three applied for connection. Since the rest of the Town was about 35% connected, it was indeed gratifying to the Board that 63% of the total applied on the new work. In all cases, however, where no connections were desired, laterals were run to the side line of the street, so as to prevent having to open it up in the future. To cover the above work, some 2600 feet of trench had to be opened to lay these laterals either to the side line of the street or to the property, the cost being \$4,199.09. On the completion of Section 8 the sewer assessment bills, amounting to \$8,064.92 were, with a warrant for their collection, turned over to the Collector of Taxes.

On account of the necessity of relieving the poor sanitary conditions of overflowing cesspools on Hill Crest Road, between Howard and Scotland Road, the main sewer on Hill Crest Road was extended 320 feet to Scotland Road. The sewer was laid at an 1.33% grade with a man hole at the junction of Scotland Road. Drop inlets were constructed in the latter to take care of the future extensions up Hill Crest and Scotland Roads. Five laterals off the main sewer were also constructed for house connections, two of which are now connected. The sewer assessment bills for this extension amounted to \$343.00, which were also figured and turned over to the Collector of Taxes.

A general inspection at all junction points of the main sewer and main lines has been made during the year. There seems to be no increase in leakage in that portion of the system which is under ground water level and when necessity required it, a systematic process of cleaning and flushing has been carried out which has prevented the general accumulation of sewerage disposal from building up on lines where only a few houses were connected. All underdrains appear to be functioning and in good order. Here and there about Town where the system has been installed, new man hole covers have replaced broken ones. The pounding of heavy truck traffic is the cause of this breakage.

The Superintendent would recommend that any further extensions of mains be made only on streets where a substantial percentage of the property owners apply for connections.

Forty-four house connections have been constructed during the year by the Sewer Department men with a total length of 2173.30 feet. The number of houses which are now connected with the sewerage system is equivalent to about 44% of the total number of connections available from the present sewer. This is an increase of 9% over last year and 18% over 1922. Fifty-eight other connections have been constructed and

may at any time be connected as soon as the property owners so desire, and one hundred and twenty-seven have been run to either the curb or the side line of the street, as before stated, to obviate the expense of such work after re-surfacing the highways. There still remain one hundred and sixty-eight connections possible for which no applications have been made by the owners of the property. At the present time four streets only are a hundred per cent sewer'd where it is possible for connections to be made, viz: Fulton Street, Gould Street, Perkins Avenue and Scotland Road. The Superintendent estimates that the amount of revenue lost to the Town by having 56% not connected, is approximately \$4,727.40. This figure is obtained by computing the consumption of water used by the houses not connected.

The table following will serve to illustrate the amount of work that has been accomplished to date on various streets where a main sewer has been constructed.



Streets	Possible Connections	Completed Connections	Per Cent Connected	No. Const.	Started	Connected to Street Line	Partially In- stalled to House	Estimated Rev. of H.	Not connected Rev. of H.	Estimated Revenue 100%	Estimated Commeetions
Arlington	11	2	18	6	2	1	1	\$93.00	\$7.20	\$100.20	
Ash	17	5	29	12				223.80	46.80	270.60	
Bancroft Ave.	1	0	0	1				3.60		3.60	
Berkeley	25	10	40	14				188.70	110.10	298.80	
Brook	1	0	40	1				15.30		15.30	
Center Ave.	10	4	40		5	1		52.80		52.80	
Copeland Ave.	6	4	66			2		77.40	117.90	195.30	
Eaton	1	0	75	1				7.20		7.20	
Fremont	4	3	100					17.40	47.10	64.50	
Fulton	1	1	100						16.50	16.50	
Gould	3	3	100						39.90	39.90	
Green	53	26	49	13				237.00	415.70	652.70	
Harden	8	5	63	63	2	1		54.00	96.00	150.00	
Haven	40	20	50	7	12	1		201.30	366.20	567.50	
High	10	1	10	3	4	2		238.80	14.40	253.20	
Hill Crest Rd.	8	4	50	1	3			19.80	35.40	55.20	
Howard	16	12	75	3	1			35.40	118.20	153.60	
John	9	3	33	5				42.60	11.40	54.00	
King	2	1	50	1					18.60	13.20	31.80
Kingston	12	5	42	7					64.50	64.20	128.70
Lincoln	7	4	57							156.00	213.60

Linden	8	3	37	3	2	2	62.70	39.00	101.70
Lowell	5	3	60	2	2	21.00	61.20	82.20	
Main	39	25	64	1	11	2	249.60	772.08	1,021.68
Maple	2	1	50	2	1	13.80		13.80	
Middle	2	2	0	2	2	23.70		23.70	
Middlesex Ave.	15	11	73	2	2	51.00	390.10	441.10	
Minot	11	6	55	4	3	2	78.30	78.30	
Mt. Vernon	7	2	28	4	1	52.50	22.80	75.30	
Park Ave.	7	1	14	4	6	46.50		46.50	
Parker	7	3	43	4	150.00			150.00	
Perkins Ave.	5	5	100	0	1	1	122.70	122.70	
Pine Ave.	1	5	42	6	1	105.30	4.80	4.80	
Pleasant	12	3	75	1	1	.30	72.90	178.20	
Pratt	4	3	18	42	14	9	262.50	33.90	34.20
Prescott	42	6	40	9	9		193.70	456.20	
Prospect	15	6	27	3	10		98.40	239.10	337.50
Salem	18	5	42	6	2		262.20	138.60	400.80
Sanborn	14	6	100	1	1		118.50	266.70	385.20
Scotland Rd.	1	1	33	9	3	1	169.80	71.40	241.20
Summer Ave.	15	5	0	20	3	1	29.40		29.40
Sweetser Ave.	5	1	29	13	1	1	59.70	13.20	72.90
Union	5	1	29	12	6	4	183.90	78.00	261.90
Village	21	7	25	3	1	1	67.20		67.20
Warren Ave.	17	7	29	12	4	1	156.00	43.20	199.20
Washington	24	7	25	3	1		54.30	8.40	62.70
Wilson	4	1	31	11	32	4	757.20	298.10	\$1,055.30
Woburn	73	26	—	—	—	—			
Total	624	272	44	168	127	58	\$4,727.40	\$4,541.28	\$9,268.68

**PARK DEPARTMENT**

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**To the Board of Public Works:**

Gentlemen:—The following is the yearly report of the Park Department.

General Appropriation .....	\$ 2,750.00
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**Expended:****Memorial Park**

Pay Roll, Care of Park .....	\$ 485.83
Pay Roll, Supervised Play .....	636.03
Bills .....	<u>758.06</u>

Total .....	\$ 1,879.92
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**Common and Main St. Parks**

Pay Roll, Care of Parks .....	\$ 181.50
Bills .....	<u>12.75</u>

Total .....	\$ 194.25
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**Leach Park and Athletic Field**

Bills .....	<u>\$ 13.75</u>
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Total .....	\$ 13.75
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**Summary Expenditures:**

Total Pay Rolls .....	\$ 1,303.36
Total Bills .....	<u>784.56</u>

Total .....	\$ 2,087.92
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Balance .....	<u>\$ 662.08</u>
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**Memorial Park**

Before the season opened for the instruction of supervised play at Memorial Park a general inspection of the barn and grounds were made by the Superintendent. It was found that the floor timbers in portions of both floors of Memorial Park Barn were not strong enough to carry the usual per square foot loading for public and school assembly rooms and that these floors would have to be reinforced by installing new posts from the ground up to new girders supporting the existing floor timbers. The sill on the first floor level on the east side was

in a very weak condition on account of rot, and the east end of the building had bulged outward and should be reinforced to prevent further movement or a possible collapse. It was also noted that the shingles on the east side were in a very poor condition, allowing in several places the weather to beat through. Bids were asked for to accomplish the above repairs and the work was given to Mr. E. A. Hurd.

The gate in the dam was opened early in the spring to drain off the skating pond and the ditches were cleaned so as to get rid of the water which lies in the spongy turf until late in the summer. The general care of the grounds was then taken up, and that portion used by the children during the summer months for their games and the entrances, were kept constantly mowed, raked and picked up. The gate in the dam was closed early in the fall, and at this writing a large area is being used for skating purposes.

The summer activities were under the supervision and direction of Mrs. Gay and Mrs. Thompson of the Reading Woman's Club. The success of the season is due to their personal care, and the Board of Public Works wishes to thank them for their untiring efforts in this work.

#### **Common and Main Street Parks**

The Common and Main Street Parks were kept constantly mown and raked up during the year, and the general care of the trees was taken care of by Mr. Donegan.

The following is a report of the Reading Woman's Club of Playground activities at Memorial Park.

#### **Report of Playground Committee**

The sixth season of the Reading Playground opened on the afternoon of July 2, 1924, a committee from the Reading Woman's Club being in charge.

After short patriotic exercises the President of the Woman's Club, Mrs. Helen P. Tirrell, welcomed the children and their guests. Rev. Payson E. Pierce, representing the ministers of the town, entertained all, young and old, with many pleasing little stories. He was followed by Mrs. Mary F. Daniel who, until this season, has had charge of the playground work since it was begun by the Woman's Club. Mrs. Ethel Williams, of North Reading, who had been engaged as supervisor, told of her aims and hopes for the coming season.

After the formal exercises, the children engaged in various games and contests. The committee then served ice cream cones to the three hundred children present and to the guests.

Mrs. Williams had as her assistants this year, Miss Dorothy Allard, Miss Mary Johnson, and Mr. Charles Eeles.

To each day of the week some particular form of work and pleasure was assigned. Monday was given over to the basketry class under

the direction of Miss Eva Webb. It was deemed advisable this season to divide the class into two sections. The morning was devoted solely to the children and was free of charge. The afternoon class was for the women only and each member was charged the small sum of twenty-five cents. Material could be purchased at both classes at cost.

Tuesday afternoon Miss Marion Swett of North Reading held a class in crepe paper work.

Wednesday and Friday afternoons were devoted to story telling by various ladies who kindly gave their time and thought to making it a pleasant hour. Miss Julia Spinney had charge of this part of the work. On Wednesdays, also, the committee had ice cream cones for sale.

Thursdays the sewing classes were held under the direction of Mrs. Clarence Oxley and her able and cheerful assistants. The girls accomplished much and seemed very pleased with the sewing machine purchased by the Woman's Club. Contests and tournaments were also held on Thursdays.

On Traders' Day all those attending the Playground had a picnic lunch and were given ice cream by the committee.

Various parts of the old equipment had to be replaced and new equipment purchased, including tennis balls, racquets, croquet sets, and an indoor baseball set. A new tennis court was laid out, the older boys doing the work, thus limiting the expense of the committee to the cost of material.

The Community Building was repaired some and the floors reinforced, making it a very desirable place to conduct classes on the hot sunny days. It was, too, an enjoyable place to gather around the piano or listen to the Victrola—another gift from the Woman's Club.

Through the kindness of Mr. Hurd, the carpenter, a window was cut through on the second floor of the Community Building. He also donated the posts for the tennis court and made a new sand box for the smaller children. We all thank him.

A new large closet was built on the first floor of the Community Building thus aiding the supervisor and her assistants to keep the equipment in much better condition and facilitating the distribution of the various articles for the use of the children.

Because of the illness of the Supervisor, Mrs. Williams, the pageant planned for the closing day, August 29, could not be given. Instead the children, to the number of three hundred, were served a picnic lunch consisting of beans, sandwiches, cookies, ice cream cones and tonic.

In the afternoon various games were enjoyed. Prizes were awarded to the winners in the tournaments, tennis, croquet, etc., held during the season. Prizes were also given to the winners in the point contest. In every way the children seemed to enjoy the day and to feel sorry it was the last one of the Playground season.

The Playground has been conducted this year in a different way, the money for both the salaries and working facilities having been appropriated by the Town. The committee hopes it has spent that money to the best advantage. The attendance has averaged one hundred and fifty daily and the spirit of the Playground has always seemed happy, busy and contented.

When asked by the Playground and Recreation Association of America to make its report, the committee was glad to be able to say this Playground had such a variety of attractions for the children. It showed how much Reading thought of her children, and her great desire to make them good and honorable citizens.

The committee wishes to express its appreciation to all the ladies who so kindly helped at the various classes and entertainments.

It also wants to thank most sincerely the Board of Public Works for its hearty co-operation and helpfulness at all times.

#### PLAYGROUND COMMITTEE:

**HELEN L. THOMPSON**

First Chairman

**KATHRYN E. GAY**

Second Chairman

**HELEN PARKER TIRRELL**

Pres. Reading Woman's Club

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#### To the Board of Public Works:

The Playground Committee would recommend that the sum of one thousand dollars (\$1,000.00) be appropriated by the Town of Reading for the work assigned to it.

It would suggest that the sum be not definitely divided for salaries and working expenses.

**HELEN L. THOMPSON**

First Chairman

**KATHRYN E. GAY**

Second Chairman

**HELEN PARKER TIRRELL**

Pres. Reading Woman's Club

**REPORT OF THE EXECUTIVE OFFICE OF THE  
BOARD OF PUBLIC WORKS**

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**To the Board of Public Works:**

Gentlemen:—The following is the yearly report of the executive office:

Appropriation .....	\$ 4,400.00
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Expended:	
Salary of Superintendent and Clerks .....	\$ 3,988.00
Bills .....	405.15
<hr/>	
Total .....	\$ 4,393.15
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Balance .....	\$ 6.85

The following table shows the expenditures made this past year in all Departments, the pay roll of each, and the entire expenditures of the Board of Public Works.

	B of P W	Water Dept	High Dept	Sewer Dept	Park Dept	Totals
Pay Roll	\$3,988.00	\$13,320.48	\$20,858.38	\$ 2,977.72	\$1,303.36	\$ 42,447.94
Bills	405.15	32,750.59	59,057.77	31,769.14	784.56	124,767.21
Totals	\$4,393.15	\$46,071.07	\$79,916.15	\$34,746.86	\$2,087.92	\$167,215.15

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In closing this report, the Superintendent wishes to express his appreciation of the co-operation and interest of all those in any way associated with him in carrying on his work, and to acknowledge the helpful suggestions and assistance which he has received from other Department Heads in the town.

**HARRY B. COLLINS, Superintendent**

## REPORT OF BOARD OF HEALTH

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There were seventy-four (74) contagious cases reported during the year 1924.

Chicken Pox .....	22
Diphtheria .....	4
Scarlet Fever .....	32
Measles .....	7
Mumps .....	2
Tuberculosis .....	5
Infantile Paralysis .....	2
Number of deaths .....	90
Male .....	42
Female .....	48
3 were over .....	90 years of age
15 were between .....	80 and 90
20 were between .....	70 and 80
18 were between .....	60 and 70
11 were between .....	50 and 60
7 were between .....	40 and 50
4 were between .....	30 and 40
2 were between .....	20 and 30
2 were between .....	1 and 10
5 were under .....	1 year
3 were still births.	

Respectfully submitted,

E. M. HALLIGAN, M. D.

C. H. PLAYDON

C. F. ATKINSON

Board of Health.

## REPORT OF PLUMBING INSPECTOR

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To the Board of Health:

Gentlemen:—I herewith submit my report for year ending December 31, 1924, for your consideration:

Number of permits granted .....	169
Number of fixtures installed .....	718
Closets .....	172
Bath Tubs .....	117
Lavatories .....	140
Sinks .....	145
Wash Trays .....	128
Urinals .....	11
Showers .....	4
Drinking Fountains .....	1
Total .....	— 718

Respectfully submitted,

DAVID TAGGART, Inspector of Plumbing.

## REPORT OF INSPECTOR OF MILK

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To the Board of Health,  
Town of Reading, Mass.

Gentlemen:—The following is my report of the inspection of the milk supply of the Town of Reading for the year 1924:

My inspection of the local milk supply for this year has varied very little from that of previous years. That is, it has consisted of the licensing of all dealers and stores in the town and in the collection of samples of milk from the dealers and the analysis of the same for its butter fat and solid contents.

In two or three cases it has been necessary to inspect some of the local dairies and if unsanitary conditions were found suggestions were offered whereby they could be remedied. In the majority of cases these suggestions were carried out.

In regard to the food value of the local milk supply, I find by taking an average of the entire year's analysis that the local milk has maintained a very satisfactory standard. As to the cleanliness of the same I have only been able to judge this by the general appearance of the milk and the conditions under which it has been produced.

Forty-one dealers and stores were licensed to sell milk this year and eleven stores were licensed to sell oleo-margarine.

The total receipts of the department were twenty-six dollars (\$26.00).

Respectfully submitted,

CARL M. SMITH, Inspector of Milk.

## DEMONSTRATION WORK IN AGRICULTURE AND HOME ECONOMICS

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To the Honorable Board of Selectmen:

Gentlemen:—I respectfully submit the following report for the year 1924.

An appropriation of \$200.00 was made at the annual meeting in support of the Middlesex County Extension Service in Agriculture and Home Economics. The following is a report of the work done by this organization in Reading for the year 1924.

Most of the Agriculture work accomplished this year in the town of Reading has been with individual farmers, especially the poultrymen with whom home visits have been made and assistance given on the particular problems in which they were interested.

In Home Economics, classes in millinery met both in the spring and fall in which a great deal of interest was manifested. A demonstration was given in the proper methods used in the canning of fruits and vegetables to all the women of the town who were interested.

The boys' and girls' club work was very successful this year with a total enrollment of 65, principally in the poultry, garden and canning clubs. Mrs. Ida C. Lucas with Mrs. R. L. Perry acted as local leaders. The Reading boys and girls won the county banner at the Field Day held in the eastern part of the county for the third consecutive year, thus making the banner the personal property of the town. Club members were interested in exhibiting their poultry at the Boston Poultry Show and the Eastern States Exposition. Alice Hodson, Lucien Nelson, Virginia Harding and Faith Thaxter won the two-day trip to the Massachusetts Agricultural College for excellence in club work.

Several country-wide meetings, such as the County Picnic at Wayside Inn, the Annual Extension Service Meeting in Waltham and meetings for fruit growers and poultrymen, have been held during the year that have been of great interest to many Reading people.

I want to thank the editors of The Reading Chronicle for space given, also to thank the School and Electric Light Departments for their assistance during the year, also Reading Grange for prizes given to the boys and girls at their fair.

Respectfully submitted,

ROLLAND L. PERRY, Director.

## REPORT OF BOARD OF ASSESSORS, 1924

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To the Citizens of Reading:

We herewith submit our report on work under our jurisdiction during 1924.

Valuation of Real Estate:

Buildings, excluding land .....	\$ 7,482,930.00
Land, excluding buildings .....	3,581,695.00

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Total Real Estate .....	\$11,064,625.00
Personal Estate .....	1,466,340.00

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Total Real and Personal Estate assessed April 1, 1924	\$12,530,695.00
---	-----------------

Building increase over 1923 .....	1,106,525.00
Land increase over 1923 .....	872,045.00
Personal increase over 1923 .....	171,492.00

---

Total gain on Personal and Real Estate .....	\$ 2,150,062.00
--	-----------------

Tax on Real Estate .....	\$ 331,938.75
Tax on Personal Estate .....	43,990.20
Tax on Polls .....	5,048.00
Tax on Real Estate for moth work .....	1,265.50

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Total Tax April 1, 1924 .....	\$ 382,242.45
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Personal Estate assessed December, 1924 .....	\$ 3,633.00
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Real Estate assessed December, 1924 .....	750.00
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Additional Polls .....	62.00
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Tax assessed as supplementary on Real Estate, December, 1924 .....	22.50
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Tax assessed as supplementary on Personal Estate, December, 1924 .....	108.99
--	--------

Total Personal Estate, 1924 .....	1,469,973.00
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Total Real Estate, 1924 .....	11,065,375.00
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Total Real and Personal Estate, 1924 .....	\$12,535,348.00
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State Tax, 1924 .....	\$ 17,100.00
State Highway Tax, 1924 .....	1,961.50
County Tax, 1924 .....	13,607.80
Municipal Light Tax, 1924 .....	50.63
Fire Prevention Tax, 1924 .....	102.04
Total State and County Tax .....	\$ 42,620.87
Total 1923 .....	52,794.93
Decrease from 1923 .....	\$ 10,174.06
Balance from commitment for Town purposes .....	\$ 322,068.32
Estimated Receipts .....	76,000.00
Total .....	\$ 398,068.32
Overlay for 1924 .....	8,143.88
Amount appropriated for Town purposes .....	\$ 406,212.20
Tax Rate for 1924, \$30.00 per M.	

Number of persons assessed on property April, 1924 .....	3,238
Number assessed for poll tax only .....	1,087
Number assessed in December .....	8
Additional polls .....	31
Total assessed on property in 1924 .....	3,246
Total assessed on polls only in 1924 .....	1,118
Total number separate assessments .....	4,464
Polls assessed in 1924 .....	2,555
Polls assessed in 1923 .....	2,390
Increase in polls .....	165
Number of horses .....	153
Number of cows .....	268
Number of neat cattle .....	38
Number of sheep .....	2
Number of swine .....	58
Number of fowl .....	16,496
Number of dwellings .....	2,001
Number of new dwellings .....	52
Number of acres of land .....	5,751
Population as of 1920 .....	7,424

**Assessors' Report on the Survey of Land Under the Block System**

We have now completed 57 plans which contain 2763 separate plans.

Balance from 1923 .....	\$ 33.56
Appropriated 1924 .....	250.00
	<hr/>
	\$283.56

**Expended**

Davis & Abbott, one new plan .....	\$181.51
Davis & Abbott, bringing plans to date .....	32.75      214.26
	<hr/>
	\$ 69.30

We would advise that the sum of two hundred and fifty dollars (\$250.00) be appropriated the coming year that the work of the Block System be continued.

ALVAH W. CLARK  
J. FRED RICHARDSON  
EDWARD B. EAMES

Board of Assessors.

## REPORT OF TRUSTEES OF LAUREL HILL CEMETERY

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The Trustees of Laurel Hill Cemetery are pleased to report the purchase of land for cemetery purpose, consisting of about nine acres, situated on Forest and Pearl Streets, easy of access from North Main Street, to be known as "FOREST GLEN CEMETERY". This is pursuant to the vote of the town at the 1924 March meeting.

For some time past the Trustees have recognized the necessity of additional cemetery land and as there remain unsold relatively few lots in Laurel Hill, they decided on an initial development of three acres of Forest Glen and on the improvement of the remainder as needed.

In order to put this land in suitable condition for burials it will be necessary to turn over the soil to a depth of at least five feet, remove the rock and boulders and then loam and seed. This method is now customary in all modern cemeteries.

It is estimated that \$10,000 will be required to do this work and also to build a wall along Forest and Pearl Streets with a suitable entrance.

In conclusion, the Trustees would suggest that the necessary appropriation be forthcoming at the next March meeting.

We respectfully submit the following report of the Superintendent.

GALEN A. PARKER, Chairman  
PHILIP H. TIRRELL, Secretary  
FRANK L. EDGERLEY  
WILLIAM S. KINSLEY  
WILLIE E. TWOMBLY  
CHESTER P. EEELES

Trustees Laurel Hill Cemetery.

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## SUPERINTENDENT'S REPORT

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Gentlemen:—I herewith submit my fourth annual report as Superintendent of Laurel Hill Cemetery.

Much of the work that has been done during the past season is of a nature that will be of great benefit to the cemetery in future years although it does not add materially to its present appearance.

The building that was included with the land purchased from the R. D. Clapp estate has been raised five feet making it level with the grade on the north side and giving a 20 x 20 foot basement with a southern exposure, which makes an ideal garage.

The floor above with the loft makes a good repair shop and storage place.

The tool house that was located near the Federal Street entrance has been moved and is now a part of this building. This arrangement now enables us to keep our equipment in one building where formerly we had to pay rent for a building outside of the cemetery for this purpose.

The walls on the east and south side of the cemetery have been repaired and are now in good condition and will need no further attention for many years.

I would recommend that this work be continued in repairing and replacing the various fences surrounding the cemetery during the coming season.

The drainage system has been completed from the northeast corner of the cemetery west as far as Cross Avenue and a brick catch basin installed.

This is work that should be continued from year to year if money can be spared for this purpose as our avenues and paths are always badly washed after a severe storm. This could be avoided to a great extent if catch basins were installed in various places.

Two hundred and thirty feet of water pipe has been laid from Elm Avenue to Lotus Avenue. This proved to be more expensive than was anticipated as ledge was encountered and had to be blasted.

This will be of great convenience to lot owners in the west part of the cemetery and will also supply the new land purchased from the Clapp estate.

Thirty new lots have been built and enough loam is on the ground to build as many more.

Next season should see all the available land in the northern part of the cemetery developed.

Respectfully submitted,

ALFRED E. GOODWIN, Superintendent.

#### Financial Report

1924

Appropriation, March, 1924 .....	\$8,300.00
Transferred from Bequest Fund .....	1,116.79
Transferred from Veterans' Grave Account .....	378.08
Transferred from Reserve Fund .....	1,520.62
	————— \$11,315.49

**Expended**

Charged to Cemetery Bequest Fund .....	\$1,116.79
Charged to Veterans' Grave Account .....	378.08
Charged to Cemetery Reserve Fund .....	1,520.62
Charged to Maintenance .....	4,700.00
Charged to Annual Care .....	3,600.00
	_____
	\$11,315.49

**Receipts**

Amount received January 1, 1924 .....	\$ 700.36
Received for opening graves .....	779.00
Received for annual care .....	2,463.55
Outstanding bills Dec. 31, 1924 .....	176.25
	_____
	\$ 4,119.17

**Cemetery Reserve Fund**

Balance in Cemetery Reserve Fund Jan. 1, 1924 ..	\$1,358.83
Lots and Graves sold 1924	
14 single graves .....	241.00
10 four grave lots .....	1,310.00
4 eight grave lots .....	800.00
	_____
	\$3,709.83
R. D. Clapp Estate .....	\$ 658.50
Transferred to General Fund December	
31, 1924 .....	1,520.62
	_____
	\$2,178.62
Balance in Cemetery Reserve Fund Dec. 31, 1924 ..	\$ 1,531.21

**Perpetual Care Lots**

1924

	Lot No.	Amount
Mrs. Frances Batchelder .....	420	\$150.00
Mrs. Elizabeth Prescott (single graves) .....	262, 263, 264	75.00
Mrs. Christina Johnson .....	1055	100.00
Mrs. Harriet B. Allen .....	405	100.00
Mrs. Marguerite B. Edgar .....	102	100.00
Edwin M. Sawyer Estate .....	701	100.00
William H. Jones (single graves) .....	265, 266	50.00
Miss Carrie C. Horton .....	445	100.00
Mrs. Abbie C. Higgins Estate .....	129	200.00
Mrs. Alice A. Danforth .....	577	100.00
Mrs. Harriet A. Shepard .....	178	100.00
John Wickins .....	1064	100.00
Willard & A. P. Massey .....	129	100.00
Miss Alice W. Emerson .....	552	100.00

Mrs. Mary A. Hunt (single graves) .....	267, 268	50.00
Robert P. Burgess .....	1002	100.00
Ralph H. Webster, Adm. ....	386	100.00
Mrs. Bertha D. Harvey .....	897	100.00
Mrs. M. A. Wilcox .....	327	100.00
James M. Estes .....	1094	100.00
Francis Bartley .....	861	100.00
Harry T. Burleigh, Adm. ....	377	250.00
Alice Barrows .....	325	100.00
George H. Clough .....	142	100.00
Kirk P. Sanborn .....	606	100.00
Mrs. Elise H. Philips .....	942½	100.00
Mrs. Mary J. Bruce .....	660	100.00
		_____
		\$2,875.00

**Forest Glen Cemetery**

1924

Appropriation .....	\$6,000.00
<b>Expended</b>	
Land purchased .....	\$3,972.33
Bills .....	992.83
Pay roll .....	195.37
	_____
	\$5,160.53
 Re-imbursed from Ins. Co. ....	
	839.47
	70.84
	_____
Balance Dec. 31, 1924 .....	\$ 910.31

## REPORT OF PUBLIC LIBRARY

---

The Trustees of the Public Library submit the following report:

### ORGANIZATION OF THE BOARD

The Board organized for the year by the choice of Mr. Wadlin, Chairman, and of Mr. Mansfield as Secretary. Standing Committees were appointed as follows:

On Accounts: Messrs Wadlin, Mansfield and Doughty.

On Books: Mr. Mansfield, Miss Whittemore and Miss Bancroft.

On Building and Grounds: Messrs. Wadlin and Keneely and Miss Bancroft.

On Work with Children: Miss Whittemore and Miss Bancroft.

During the summer Miss Whittemore resigned on account of removal from Reading. The vacancy was filled by the Trustees of the Library and the Selectmen in joint convention (as provided by law) Mrs. Ida C. Lucas being chosen. Her tenure continues until the next annual town meeting.

Miss Whittemore's services upon the Board were exceedingly valuable, her connection with the public schools aiding materially in co-operative work between the public library and the schools, and in promoting the use of books by the pupils. The Board regretted the termination of her membership.

Mrs. Lucas occupies the same educational position, and continues the especial work to which Miss Whittemore was so earnestly devoted, and which the Trustees of the Library are fostering,—the cultivation of the reading habit among the young. She has filled the place upon the Standing Committees formerly held by Miss Whittemore.

### EXPENSES OF THE LIBRARY

Following is a condensed financial statement:

Appropriation, direct tax, 1928:

Salaries .....	\$ 2,250.00
Maintenance .....	2,950.00
 Total from tax levy .....	\$ 5,200.00

### Expended

Salaries: Librarian, Assistants and Janitor ....	\$ 2,245.20
Books and periodicals, including re-binding ..	2,063.76
Printing, stationery, etc. ....	123.49
Fuel, light, water, sewerage .....	366.86

Repairs .....	119.70
Miscellaneous .....	34.28
	\$ 4,953.29

## Balance unexpended:

On salaries .....	\$ 4.80
On maintenance .....	241.91
	246.71
	\$ 5,200.00

## Receipts

These include:

Fines, etc., collected (for over-detention of books, chiefly) .....	\$ 271.32
Waste paper, etc., sold .....	4.05
Cash on hand, January 1, 1924 .....	18.69
	\$ 294.06
Paid to Town Treasurer .....	282.00
Balance on hand, Dec. 31, 1924 .....	\$ 12.06

## REPAIRS

A special sum (\$250) was appropriated to cover special repair work which has been only partially completed. Of this special sum \$150 therefore remains unexpended, which is included in the aggregate reported as unexpended in the foregoing statement. To complete the work we ask for the re-appropriation of this \$150, and have included it in our budget hereinafter presented.

## ADDITIONS TO THE LIBRARY

Volumes in library, close of 1923 .....	11,890
Volumes bought, including re-placements .....	957
Received by gift .....	95
	12,942
Worn out or discarded and not replaced .....	501
	12,441
Total number of volumes December 31, 1924 .....	

The net gain is 551 volumes. We have bought during the year an unusual number of books for the young, including many duplicates, needed in promoting systematic reading, not merely recreational but cultural, through the schools. The results are referred to in extracts from the report of the librarian given below.

The purchase of carefully selected books for adult readers—fiction, history, travel, biography, and in the fine and industrial arts has not been allowed to lapse, however, and has its proportionate effect in the continued increase in circulation, as seen in the following statement:

## USE OF THE LIBRARY

Volumes borrowed for home use .....	42,954
Increase over previous year .....	1,347
Largest monthly circulation, March .....	4,844
Smallest, January .....	2,836
Number of new borrowers registered:	
Adult .....	300
Juvenile .....	206— 506
Number of days open during the year .....	255
Average daily circulation, home use .....	168.4

The month during which the smallest number of books is circulated for home use usually falls in the summer. During 1924, however, January has that record, perhaps owing to weather conditions. It is a curious co-incidence that the number circulated in that month (2,836) exactly matches the number circulated in August, 1923, the month of smallest circulation in that year.

The circulation during the year covered by the present report was, upon the average, nearly six books per person registered for the borrowing privilege (exactly, five and seven-tenths), the registered borrowers numbering for the past five years about 47 per cent of the population of the town. A circulation of five books per registered borrower is usually considered a fair number. In her report to the Trustees the librarian remarks:

"The use of the library increases each year, which is the more gratifying now, when many libraries, owing to the competition with the moving pictures and radio, are reporting a decrease in their circulation of books for home use.

"There continues to be much reference work done for the pupils of the High and Junior High School classes, and books are frequently reserved for their use at the library, so that all may have an equal chance, since the material required on many subjects is too limited to supply a whole class, if taken out for use at home.

"That the children appreciate the library is shown by the fact that of the 506 cards issued to new borrowers this year, 206 were issued to children from the age of eight to that of 14.

"As usual, Children's Book Week was observed in November with posters displayed in the schools, and with story hours for the younger children in Library Hall. These brought an increased number of children to the library, and many who had not been borrowers of books applied for borrowers' cards at that time.

"Last spring great interest was shown in the certificates awarded to those children who (after reading) wrote simple book reviews of books selected from graded lists prepared by the Massachusetts Library Commission. In June, at the Highland School, the Chairman of the Library Trustees presented 44 'honor' certificates to pupils from different schools, each honor pupil having read and reported upon 20 books. The full report sent to the Library Commission for the year indicated that 420 certificates had been awarded, of which 58 were

'honor' certificates. Of the 12 towns in which the highest numbers of certificates were awarded, Reading ranked fifth. Since many pupils received several certificates the total number writing book reviews, indicating a more than mere superficial knowledge of the books which they had read, was 163, or about 20 per cent of the entire number of pupils enrolled in the six grades undertaking this work.

"A set of the books on the certificate list,—229 volumes,—has been deposited in the schools so as to be readily available. The teachers report that the pupils are eager to read them. They include of course, classics for young readers, adapted to the different grades. Since the younger children attending the Prospect Street, Lowell Street and Chestnut Hill Schools can seldom visit the Central Library, unless chaperoned or otherwise safeguarded, about 50 additional volumes have been bought for deposit at these schools.

"The Living Age, International Book Review and the Saturday Review of Literature have been added to the list of magazines regularly open to readers in our reading room. The library is indebted to Mr. George Fisher, who continues to send us each month the Scientific American, and this year also the National Sportsman. The Christian Science Church supplies its publications, and an unknown donor has given the library a year's subscription to the Christian Register periodical.

"Of the purchases of the current year, 192 volumes are to be classed as fiction for adults; 260, non-fiction for adults; 239, fiction for juvenile readers; and 129, non-fiction for juvenile readers. The replacements of volumes lost, wornout, etc., number 60 for adult readers and 77 for juvenile readers. The gifts include: Official publications of the United States, 4; of Massachusetts, 11; and 80 from other sources."

#### BUDGET FOR 1925

Our budget of requirements for the ensuing year, based upon our present scale of expenditure, which includes as noted in previous reports a progressive advance toward a maximum, equitable for the salaries of the librarian and assistant librarian, proportionate to the services now required, and comparable to the rates paid in similar positions elsewhere, is as follows:

Fuel, light, water, sewerage charge .....	\$ 400.00
Printing and supplies .....	150.00
Books, periodicals, binding, etc. ....	1,800.00
Repairs (as explained below) .....	300.00
Miscellaneous expenditures .....	100.00
<hr/>	
Total maintenance .....	\$ 2,750.00
Salaries .....	2,800.00
<hr/>	
Total appropriations required .....	\$ 5,550.00
(As against an appropriation of \$5,200 in 1924.)	

The items termed "maintenance" are in the aggregate reduced from \$2,950 appropriated in 1924, and the reduced amount includes under "repairs" the sum of \$150 left unexpended out of last year's appropriation (because work intended is not yet completed) and therefore the total budget contemplates the re-appropriation of this unexpended amount, standing to the department's credit (in the town treasury) at the close of the year, leaving the additional appropriation out of taxes, to complete the budget, only \$200 in excess of the total of last year.

The increase in the aggregate is due to the estimate for salaries, increased, as compared with last year, from \$2,250 to \$2,800. This increase is partly due to a continual increase in the amount of service required by the enlarged use of the library, which we believe the town will regard with satisfaction, but also carries forward a contemplated progressive increase in the compensation of the librarian and assistant, explained in previous years and allowed. This annual progressive increase will finally bring our salary list to an equitable point, and eases in this way the burden upon annual appropriations, as compared with what would have been required if the aggregate advance had been allowed to fall in a single year.

We have repeated from year to year in explanation, and now repeat, a paragraph that we hope will not be forgotten:

"The use of the library is constantly increasing . . . It is an important educational institution and ought to be used up to its limit. . . . The building is now open only two hours less in each week than are the grade schools. . . . The outside time required from the librarian, that is, service time beyond the number of hours the library is actually open to the public is probably as great as that required from the teachers, at least from those in the lower grades. . . . The teachers have ten weeks vacation in each year. The librarian and assistant but three only. At present the combined salary list (librarian, assistant librarian, minor assistants, and janitor taken together) is but little more than the amount paid to one minor grade teacher only." . . . .

We have also repeated from year to year and now repeat, that the cost of maintenance of the library, including salaries, does not materially affect the change in the general tax rate from year to year, and that the enlarged use of the institution, which we have been able to report annually, and for which we are constantly working, has been accomplished without a corresponding advance in the expense of the library in relation to the general cost of municipal administration. Its cost to the town is almost negligible as affecting the tax rate. Its value, on the other hand, as affecting the welfare of the town, and, indirectly, affecting the value of property here, we cannot over-estimate. We do not need to enlarge upon this, and simply re-call what we have said frequently in previous reports. In the consideration of the heavy burden of taxation, national, state and municipal, which we are all bearing, this, in behalf of the library, ought not to be over-looked.

We estimate the receipts of the department to be turned into the town treasury at \$250.00. They will probably run above that amount since they were about \$275 (as reported hereinbefore) in 1924. These receipts, together with the refund on dog tax (approximately \$900) which under the statutes is applicable to the purposes of the library, but under our present method of accounting is treated as a treasury receipt, offset an equivalent amount of our direct appropriation. That is, if, as formerly, the dog-tax refund went directly to the library, our budget of expense, to be met from taxes, would be reduced equivalently.

#### CONCLUSION

The faithful and efficient services of Miss Bertha L. Brown, librarian, and those of Miss Grace Abbott, her assistant, deserve our continued and appreciative acknowledgment.

The helpful assistance of Mr. Charles H. Stinchfield, janitor, also merits our thanks, and we have found the minor assistants employed from time to time, interested and loyal.

Three vacancies are to be filled at the town meeting, the terms of Ralph S. Keneely, Horace G. Wadlin, and Ida C. Lucas, expiring. The vacancy, in the case of Mrs. Lucas, is then to be filled for the remainder of the term of Miss Whittemore's service which, if she had not resigned, would have expired in 1926. The other vacancies are for the term of three years.

Respectfully submitted,

HORACE G. WADLIN, Chairman

ARTHUR N. MANSFIELD, Secretary

RALPH S. KENEELY

CHARLES F. DOUGHTY

EDITH BANCROFT

IDA C. LUCAS

Trustees.

Adopted as the Report of the Trustees:

January 23, 1925.



ANNUAL REPORT.

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF READING

For the Year Ending December 31

1924

## SCHOOL COMMITTEE

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Walter S. Parker, Ch., 55 Walnut St.	Term expires 1926
Leone F. Quimby, 25 Howard St.	Term expires 1926
Mrs. Ida A. Young, 86 Woburn St.	Term expires 1925
Jesse W. Morton, 114 Woburn St.	Term expires 1925
Mrs. Ruth A. Lumsden, 116 Summer Ave.	Term expires 1927
Mrs. Marion B. Temple, 50 Hill Crest Rd.	Term expires 1927

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### School Committee Office, High School

Clerk, Margaret Hunt	Res. 30 Hill Crest Rd.
Office Hours, 8.30 a. m. to 4 p. m., except on Saturdays, 9 to 12 a. m.	

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### Superintendent of Schools

Adelbert L. Safford, Office—High School	Res. 8 Middlesex Ave.
Office Hours, 8.30 to 9.30 a. m. on school days.	

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### Attendance Officer

Abigail H. Mingo	Office—High School
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### School Physician

Charles R. Henderson, M. D.	126 Woburn St.
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### School Nurse

Mabel M. Brown, R. N., Office—High School	Res. 11 Wilson St., Malden
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### Janitors

	Salaries
High School, Charles W. Richardson, 107 Haven St.	\$1,560.00
High School Matron, Ara A. Pratt, 29 Orange St.	1,040.00
Highland School, Jesse N. Hutchinson, 79 Bancroft Ave.	1,560.00
Grouard House, Wm. Killam, 15 Locust St.	127.50
Grouard House, Olive S. Kelley, North Reading	260.00
Center School, Waldo Reid, 20 Ash St.	1,300.00
Union St. School, Waldo Reid, 20 Ash St.	
Lowell St. School, Sylvanus L. Thompson, Intervale Terrace	1,170.00
Prospect St. School, Walter F. Cook, 6 Ash St.	1,170.00
Chestnut Hill School, Harry S. Lovejoy, 47 Hopkins St.	520.00

## ORGANIZATION OF SCHOOL COMMITTEE

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Walter S. Parker, Chairman

Adelbert L. Safford, Secretary

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### Sub-Committees

W. S. Parker, Chairman, is member ex-officio of each sub-committee

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#### Finance and Accounts

L. F. Quimby

Mrs. M. B. Temple

J. W. Morton

#### Books and Supplies

Mrs. Ida A. Young

J. W. Morton

#### School Houses and Property

Mrs. M. B. Temple

J. W. Morton

L. F. Quimby

#### Rules and Regulations

Mrs. R. B. Lumsden

L. F. Quimby

M. B. Temple

#### Teachers and Salaries

L. F. Quimby

J. W. Morton

#### Music and Drawing

Mrs. Ida A. Young

J. W. Morton

Mrs. R. B. Lumsden

#### Course of Study

L. F. Quimby

Mrs. Ida A. Young

J. W. Morton

## REPORT OF SCHOOL COMMITTEE, 1924

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### To the Citizens of Reading:

The Reading School Committee submits its annual report of 1924. The careful reading of the several reports accompanying this report is earnestly solicited.

This year, 1924, has been an eventful year in the educational history of Reading.

There has been, during the past few years, a constant increase in the number of pupils seeking admission to our schools and the time has now arrived when immediate action should be taken to properly and adequately house the increasing numbers. The School Committee will in the near future make a report calling for funds to erect a suitable building in the vicinity of the Highland School.

The superintendent has called special attention to the needs of the school department for more adequate accommodations. In his report he has explained in full detail the special reasons for erecting a building for the Junior High School pupils near the Highland School building. The most important and the most pressing matter in connection with school affairs is the urgent need of a large building for Junior High School pupils. In fact in nearly every school in town there is urgent need of relief from too large classes.

This matter of dividing the school grades into six years for the elementary grades, three years for the Junior High School, and three years for the Senior High School is not fully understood by the public. The superintendent has touched upon the matter lightly in his report to which attention is called.

On account of the fact that some persons are inclined to believe that the moral nature of the child is slighted in our schools, attention is called to the fact that there exists in the Commonwealth of Massachusetts an ancient statute which is mandatory in its insistence upon moral training in our schools. It imposes upon all teachers the duty of exerting "their best endeavors to impress upon the minds of children and youth committed to their care and instruction the principles of piety and justice and a sacred regard for truth, love of their country, humanity and universal benevolence, sobriety, industry and frugality, chastity, moderation and temperance, and those other virtues which are the ornament of human society and the basis upon which a republican constitution is founded."

The appropriation for 1925 requested of the town is printed in some detail in the table entitled "Budget of School Department, Town of Reading, 1925."

The terms of Jesse W. Morton and Ida A. Young expire in February, 1925. These two positions as members of the Reading School Committee are to be filled by election at the annual town meeting in March, 1925.

For the School Committee:

WALTER S. PARKER, Chairman  
LEONE F. QUIMBY  
RUTH A. LUMSDEN  
MARION B. TEMPLE  
JESSE W. MORTON  
IDA A. YOUNG

Reading, Massachusetts.

December 31, 1924.

## REPORT OF SUPERINTENDENT OF SCHOOLS, 1924

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To the Honorable, the School Committee,  
Town of Reading, Massachusetts.

I respectfully submit for your information and consideration my twelfth annual report as Superintendent of the Reading Public Schools. This is the thirty-first annual report of the whole series made by Superintendents of Reading Schools.

### Scientific Re-organization of Education

The year nineteen hundred twenty-four has been one of intensive activity on the part of all engaged in carrying on the work of the schools. We are in the midst of a period of critical, scientific study and re-organization of education with respect to both its main objectives and its methods of procedure. Reading teachers and the administrative staff of the schools are in general alert and progressive in their attitudes towards this movement and are studying with marked earnestness our present practices in order to discover feasible adjustments and modifications that would enable the schools to serve better the diverse personalities and objectives of our pupils. The principals of the Senior High School and Junior High School, the Director of Standards and Guidance, the Dean of Girls and Attendance Officer, the School Nurse, and a large number of the teachers are taking courses at Boston University, Harvard, or elsewhere, studying various aspects of educational progress.

Dr. Wm. H. Kilpatrick, of Teachers' College, Columbia University, in a recent article explains the fundamental difference between the "old" education and the "new" education that is rapidly taking the place of the "old." He represents the "old" education visualized as a forcing process or compulsion in which the pupil learns, under the threat of punishment, an assignment of knowledge that is expected to be useful to him at some future period of adult life but is not closely related to his present interests or habits of living. The learning process in the "old" consisted largely of committing to memory certain prescribed facts and of a limited amount of theoretical demonstration but almost not at all of application of knowledge to real situations in life. The "new" education aims to expand the pupil's present adjustments to the experiences of life. These adjustments must be made in three directions: "Seeing, feeling, and doing." Seeing and understanding require broadening the outlook and deepening the insight. Feeling and willing involve emotional attitudes and appreciations. These have their beginnings in the home circle. The school helps to expand them to experiences outside the home. Behavior problems, social control, vocational

and avocational interests, the mental health, and the spiritual life are all deeply involved in the attitudes and appreciations that characterize the personality of the individual. "Doing" or applying knowledge requires a technique of performance which can be acquired only by practice on a real project. These three elements of "seeing, willing and doing" react upon each other in many ways. A clear intellectual comprehension makes easier the learning of the technique of performance; a skilful and effective manipulation contributes to enjoyment, a favoring attitude, and a keener appreciation; and an affective craving or predisposition often lies back of the creative urge that determines the individual's successes and career in life. Viewed in this light the "new" education concerns itself with understanding and perfecting the physical, intellectual, emotional, moral and spiritual constitution of the child. The school does not arrogate to itself the task of doing all this unaided by the home, church, library, and other social and civic institutions, but seeks to do its part rather to help the pupil to integrate all these agencies in forming an harmonious, efficient, and high-souled personality. Each agency working independently contributes something essential, but, when all the agencies are integrated so that they are doing "team-work", the results are of vastly more value and significance than the sum of the individual contributions of the several agencies working independently.

The task of the "old" education to teach the memorizing of certain facts and to impart a theoretical intellectual discipline to those who proved themselves worthy and well-qualified was a simple task compared with that of attaining the objectives of the "new" socialized education, namely, to "go into all the world" and socialize "every creature" by making him fit to the limit of his possibilities to serve and share the social heritage. Without in any way lowering standards of scholarship and intellectual discipline but at the same time adjusting the tasks imposed to the intellectual ability of the individual, the "new" education aims to educate the whole child, to organize his life and enable him to use his powers, with hundred per cent functioning, for promoting the welfare of the world and therein achieving his own happiness and the abiding satisfactions of living. Such a fundamental re-direction of education involves more or less re-organization and readjustment of the mechanisms of the educative process and can be brought about only step by step after much experience and scientific experimentation by teachers of character and vision and a sympathetic and strong personality.

### **Education**

Mark Hopkins sat on one end of a log

And a farm boy sat on the other.

Mark Hopkins came as a pedagogue

And taught as an elder brother.

I don't care what Mark Hopkins taught,

If his Latin was small and his Greek was naught,

For the farmer boy he thought, thought he,  
 All through lecture time and quiz,  
 "The kind of a man I mean to be  
 Is the kind of a man Mark Hopkins is."

Theology, languages, medicine, law,  
 Are peacock feathers to deck a daw  
 If the boys who come from your splendid schools  
 Are well-trained sharpers or flippant fools.  
 You may boast of your age and your ivied walls,  
 Your great endowments, your marble halls  
 And all your modern features;  
 Your vast curriculum's scope and reach  
 And the multifarious things you can teach—  
 But how about your teachers?  
 Are they men who can stand in a father's place,  
 Who are paid, best paid, by the ardent face  
 When boyhood gives, as boyhood can,  
 Its love and faith to a fine, true man?  
 No printed word nor spoken plea  
 Can teach young hearts what men should be,  
 Not all the books on all the shelves,  
 But what the teachers are, themselves.  
 For Education is, Making Men;  
 So is it now, so was it when  
 Mark Hopkins sat on one end of a log  
 And James Garfield sat on the other.

—Arthur Guiterman, in *The Light Guitar*.

#### **Child Guidance Agencies**

Our organization for the physical welfare of the pupils includes systematic required courses of instruction in health and physical training for all pupils in the elementary schools, the Junior High School and the Senior High School. In the Junior and Senior High Schools specially trained teachers are in charge of these courses and separate class units are maintained in these subjects. Accident prevention, fire prevention, home nursing and diet receive attention. Cafeteria noon lunches are maintained at the Junior and Senior High Schools and mid-morning milk lunches in the Elementary Schools. The administrative staff for the health agencies includes, besides the grade teachers and principals, the School Physician, School Nurse, special teachers of physical training, teacher of cooking, managers of lunches, teachers of hygiene, school dentist, and citizen committees of co-operating societies. A dental clinic, a baby and pre-school health clinic, a Schick test clinic for diphtheria prevention, and a nutrition clinic for underweight children are managed and supported in conjunction with co-operating agencies, which include the Reading Woman's Club, the Christmas Seal

Committee, the Reading Red Cross Society, the Reading Grange, the Prospect Street Parent-Teachers Association, and the Lowell Street Parent-Teachers Association.

Our organization for preserving the mental health, standards of scholarship and suitable behavior of pupils includes several agencies besides the class teachers and principals who are all giving more or less special attention to mental hygiene and the emotional attitudes and appreciations revealed in each individual's personality and behavior habits. The "Director of Standards of Scholarship and Child Guidance" was appointed first in nineteen hundred twenty. She devotes her time chiefly to the Elementary Schools and the Junior High School. She finds the pupils that are not getting on well, seeks for the reason for their failure, and makes suitable adjustments to bring success. The mental age of pupils entering the first grade is determined by tests, and other intelligence and achievement tests and scales are used throughout the first eight grades. Particular attention is given to selection of elective courses on entering Junior High School and Senior High School. In many cases visits are made to the homes of pupils by the Director of Standards and Guidance.

Miss Fannie C. Whittemore has been director for four years and your attention is called to her report for further details. Last August she resigned to become Mrs. Robinson and was succeeded by Mrs. Ida C. Lucas, who is in addition, director of Junior Achievement Clubs, also called 4-H Clubs: Head, hand, heart and health. These are summed up in another "H", happiness. Another factor in mental health and behavior is found in the Deans of Girls in the Junior High School and Senior High School. It is the function of these deans of girls to supervise and advise the girls in those intimate and personal matters requiring the sympathy and counsel of one of their own sex. Mrs. Mingo, the Dean of Girls in the Senior High School, also is Attendance Officer for all the schools and is constantly visiting the homes where there is irregularity of school attendance or behavior problems. Mrs. Mingo is a graduate of Boston University, has taught several years, and has taken post-graduate university courses in the psychology and sociology of the school and home. The School Nurse, who is interested in mental health, as well as physical health, joins with the attendance officer and director of standards and guidance in consultation about the management of behavior and health problem cases involving physical, mental, and moral factors. In addition we have had during the past year the assistance of Dr. Douglas Thom of Massachusetts Department of Health, Division of Child Welfare, who has maintained a "Habit Clinic". A psychiatrist, psychologist, and psychiatric social worker hold a clinic each month mainly for diagnosis. Where hospital treatment has seemed necessary, arrangements have been made to suit the needs of individual cases. Mrs. Elisha Fowler, with volunteer assistants representing independent agencies has managed the pre-school and habit clinics and, similarly, Mrs. Clarence C. White, chairman of the Christmas Seal

Committee, has managed the dental clinic. The school nurse, attendance officer, and director of standards and guidance have co-operated with the management of the clinics and have maintained contacts with the homes as "visiting teachers."

Through a system of clubs affording opportunity for the pupils to exercise initiative and do creative work that involves application of their knowledge, the Junior High School is carrying on an elaborate plan of educational and social guidance. This plan is adapted from the work done in the Holmes Junior High School of Philadelphia and described in some detail in the book entitled "*The Junior High School Idea*" by Thomas-Tyndall and Myers, published by the Macmillan Company. One period each day in regular school hours is set aside for club activities and every teacher participates in club guidance.

#### **Co-operating Agencies**

The increasing activities and interest in scientific child guidance manifested by various organizations in co-operation with the schools and homes promise well for future progress. Not only are the schools better understood, more effectively moulded by public opinion, and more adequately supported as a result of the work of parent-teachers associations, and the other interested organizations, but the homes are influenced towards a more scientific and less impulsive regime for promoting the child's physical and mental health, good conduct, and usefulness as a citizen. A neighboring university is offering extension courses in preparation for the responsibilities of parenthood and affirms that instinct unsupported by scientific knowledge is entirely inadequate as a guide to successful child nurture. The relationships of the family circle are the type forms from which moral ideals in social relationship are evolved and on which many of the spiritual conceptions of God and religion are founded: The brotherhood of man and the fatherhood of God would be meaningless without the experiences of the family relationship. A large part of the symbolic language conveying the spiritual truths of religion are adapted from the vocabulary describing family relationships: "Our heavenly home", "our Father who art in heaven", "Thy will be done", "give us this day our daily bread", "safe in the arms of Jesus", "let me to Thy bosom fly". The child coming to the school transfers the attitudes already formed in the home and the teacher becomes *in loco parentis* the recipient of the child's habitual reactions or behavior.

Temper tantrums, shyness, sulkiness, lack of self-restraint,, disobedience, and many other habits are formed very early in life and, unless the child can be trained to outgrow them, they become fixed infantile character traits that may persist through life and, when the great stresses and strains of life come, very often these infantile traits contribute in large measure to nervous breakdown. I hope that a Parent-Teacher Association will be sustained in each elementary district and that the education committees of other organizations will be active in promoting in home and school scientific child guidance and nurture.

### New Buildings

In general there has been a steady growth for more than a decade in the number of pupils enrolled in the schools of Reading. During the world war there was a temporary falling-off in the High School enrolment, due to labor shortage incident to mobilization of war forces, but in the past five years the high school has jumped ahead to more than offset the temporary check. The rate of increase in school population has been strictly limited, however, by the scarcity of dwelling houses. Recently building operations have started up briskly and a sharp increase in school enrolment is sure to result. No new school rooms have been provided since 1916, when five rooms were added to the elementary schools: two at the Lowell Street School, two at the Prospect Street School, and one at the Chestnut Hill School. In my report for 1917 I discussed the needs of the elementary school at the center of the town. This school was then and now is divided into three sections: Grades one and two at the Union Street School, grades three and four at the Center School, and grades five and six in the Highland building with the Junior High School. The advantages of the pupils and economy in maintenance would be greatly augmented by bringing these three sections together in one building with modern facilities. The slowing up of building houses during the war period has enabled us to put off the solution of this problem for a time. Meanwhile the number of pupils being transported from the vicinity of the old Quannapowitt Fair Grounds and from North Main Street and Van Norden Road has increased to a degree that suggests the consideration of erecting two-room elementary schoolhouses in these sections. If there should be a building boom in Reading, as many are anticipating in the near future, it does not yet appear what sections will be most affected. It is always unwise to build schoolhouses until the needs of the district affected are clearly developed. It seems wise, therefore, to resort to temporary measures for the present in the center elementary district. In the meantime the Senior High School has reached the limit of numbers that can be conveniently housed in the present building. The Junior High School has been over-crowded for some time. Classes are now meeting in the old school committee room, the assembly hall, and the basement, as well as at the Grouard House.

The necessity for more room for both the Senior and the Junior High Schools is imminent and urgent. In considering this problem the question of re-organization of our Junior and Senior High Schools on the 6-3-3 plan in place of the 6-2-4 plan now in operation naturally arises. The 6-3-3 plan, meaning six years for elementary grades, three years for the Junior High School, and three years for the Senior High School, has come to be generally accepted the country over as the preferred plan of organization. If a suitable building should be erected on School Street adjacent to the present Highland building, the ninth year of the school course could be instructed at the Junior High School and in that manner the Senior High School would be relieved of its largest class which constitutes about one-third of the entire school. This would al-

low room in the present High School building to take care of the natural increase of pupils for a number of years, the exact number depending on the rate of growth of the population in the town. The new Junior High School building, with the present Highland building, should be large enough to accommodate the three-years classes and allow about six rooms for fifth and sixth grades until such a time as a new building for elementary grades is erected near Reading Square.

When these fifth and sixth grades are removed from the Highland building, room enough would be made to provide for the growth of the Junior High School for several years. Unless a new building is started soon, it is likely that some children will have to be put on part time or else temporary portable buildings installed. The greatest objection to portable buildings is that, although the accommodations they provide are much inferior to those of a regular schoolhouse, nevertheless when portables are once installed it is difficult to get rid of them.

#### **Changes in Personnel**

During the year six new teachers including the principal were appointed to the High School corps: four to fill vacancies caused by resignation and two to new positions. Four new teachers were appointed to the Junior High School staff: three to fill vacancies, one to a new position. Three teachers were appointed to fill vacancies in the Elementary schools; four transfers to other positions were made: Mrs. Lucas to be Director of Standards and Guidance, Mrs. Lewis to the Junior High School, Miss Glenna Dow to the Center School, and Miss Whittier to the Highland School fifth grade. This is the largest number of changes for several years but in most cases the question of higher salary was not the deciding factor.

The appended reports of the Principals, Director of Standards and Guidance, and of the Supervisors contain important information and discussions of administrative problems. They are commended to your careful consideration. The same policy of conservative progress in administration has been maintained as formerly and is in accord with words of Governor Smith of New York in his message to the legislature: "School costs have been mounting rapidly but not out of comparison with general economic conditions. The efficiency of our schools must be maintained at the highest possible standards."

Respectfully submitted,

ADELBERT L. SAFFORD, Superintendent.

Reading, Mass., Dec. 31, 1924.

## REPORT OF PRINCIPAL OF SENIOR HIGH SCHOOL

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**Mr. Adelbert L. Safford,**  
Superintendent of Schools,  
Reading, Massachusetts.

My dear Mr. Safford:

Allow me to begin my report with a quotation from the Manchester (Eng.) Guardian:

"Socrates described the greatest work a man could put his hands to as follows: 'For I do nothing but go about persuading you all, old and young alike, not to take thought for your persons, or your properties, but first and chiefly to care about the greatest improvement of the soul.' That is the teacher's task; that is the task of the school. What Socrates meant, what anybody means by 'the soul' can hardly be defined in precise terms. It is certainly a power in a man deeper than the clock-machine which ticks in the nerve cells of the brain, and memorizes, and calculates, and associates, that learns the tricks necessary to earning the daily bread or to engage in politics. There is some imaginative unifying force, which wills and suffers and achieves and proclaims moral judgments, something that makes the individual a vital part of the infinite universe. This light of the minds is the light of setting suns, and this power rolls through all things. It is a terrible fallacy to suppose that it is the ticking machine which makes men distinguished and successful. For whether it be in business or diplomacy or in the professions, the man who stands head and shoulders above his fellows is the man who possesses this overplus of personality. This power is the possession of all human beings, although multitudes lose it in the pressure of an adverse environment or by a repressive education."

This overplus of personality mentioned above is the most important product of our schools. In fact it may be considered the only worth-while product if one thinks of it in its broadest terms and applications. Every high school should fit and fit properly for college. Ample proof that the Reading High School is doing this is afforded by the appended list of students who went to college from her class-rooms. Ample proof therefor is shown by the following interesting brief study of the work in college of the Reading High School pupils during the last several years. This study includes colleges which are representative such as University of New Hampshire, Middlebury, University of Vermont, Simmons, Yale, Dartmouth, Mass. School of Osteopathy, Forsythe Dental School, Radcliffe, University of Ontario, Boston University, Mass. Institute of Technology, Bowdoin, Bates, Mt. Holyoke, Tufts, Harvard, and Wheaton. The total number of

marks received was 257 distributed among 49 students. Of the 257 ranks 12% were "A", 34% "B", 35% "C", 14% "D", and 5% failures. In the group considered there are three girls who are now outstanding scholastic leaders at Radcliffe College and one boy in the University of Ontario who received maximum honors in the first half of his Freshman year. There are at least two Reading students who have been elected to Phi Beta Kappa. It seems rather striking that there is such a small per cent of failures, only 5%, while in the "B" and "C" group together there is the large percentage of 70. As very few attain "A" in college work, this is a remarkable showing. I have purposely omitted subjects which might be considered non-academic. If these had been included the rating would have been considerably higher. The subjects I have taken are the standard ones such as English, modern languages, Latin, Greek, Economics, Social Sciences, Natural Sciences, Psychology, Philosophy, and Education.

Accompanying the scholastic statement from one of the colleges was a letter which said that the authorities were well pleased with the work of the Reading High School pupils and would be glad to have more of them come to their institution. We have had similar favorable comments from other colleges. Regarding the school's preparation of its commercial pupils I might mention the fact that we have more calls for graduates of our commercial department than we can fill. All in all, it seems that the High School is accomplishing its end which is to fit earnest students for life work by either sending them directly into the vocations or preparing them for higher education. But, in addition to the high school's duty toward the college pupil, it has a further duty to the larger proportion of pupils who do not prepare for college. In brief, the pupil must leave the school equipped at least with a scheme of knowledge that shall enable him to confront life fully armed and without fear. To do this we must make our objectives as plain and definite in our non-college courses as in our college course. I believe that there are four fundamental subjects that should be included in every course offered in the High School. These are:

1. English, 4 years.
2. Mathematics, 4 years.
3. Social Science, 4 years. History, Civics and Problems of Democracy.
4. Science, 2 years. General Science and one elective such as Biology, Physics, Chemistry.

Every man and woman needs a firm foundation in the above noted fundamentals. Any intelligent, well-rounded, modern life is impossible without a knowledge of them. The time has come when the so-called general course should be dropped and each course be more specific in its objective. This will become all the more possible and practical as the Junior High School develops and functions, for in this lower section of secondary education must the aims and bents of the pupils be better de-

fined. With our present equipment and teaching force it will be possible to reorganize the courses slightly as follows:

1. College Course.
2. Scientific Course.
3. Commercial Course—Secretarial or Accounting.
4. Fine Arts (outside music credited).
5. Agricultural.

On separate sheet is outlined full syllabus for all courses listed above. I am, however, including in this report an abridged outline of requirements for outside school credit for music.

Many students have college ability but have desires, power, judgment, and insight in other fields and certainly it seems reasonable to suppose that these qualities should be developed. Some pupils do not fit the academic routine and to them it is often said, "Leave school and go to work." But this is not the best way to develop young intelligences. The school gives the breadth of outlook, a refinement of standards, and established cultural interests that will greatly increase a pupil's value to himself and to society. To shorten the young person's apprenticeship to life in this busy world is often the foundation for success. And a good high school training certainly does shorten this apprenticeship. Quoting again from the Manchester Guardian I wish to show what our English neighbors think of the apparent breach between classical and vocational education:

"It is a common fallacy that education must necessarily be divided into classical and vocational. Culture versus Science! as if there could be science without culture or culture without science; as if industry can endure without a human background, or the humanities be of any avail unless they are in close touch with present human needs. The study of ancient languages is a splendid mental discipline, it gives a kind of eternal horizon to the mind, but unless interwoven with modern scientific thought it may induce an undue respect for authority, and create minds which look regretfully back to the age of gold instead of possessing 'the rapture of the forward view' and greeting the unseen with a cheer. Modern science has accumulated an enormous mass of knowledge. For humanity at large it remains undigested. A forward movement in education is due, so that we can understand, without illusion or fear, the world we live in, the humanity of which we are a part. It has been a great loss to the world that faith in the universe has been so shaken. None of the problems that make us afraid today will be solved without faith. In the past faith was built upon general principles, from which all things were deduced. Today we have only one firm standing-place—the foundation of facts. From facts mankind must build up a new faith. It is the ultimate blasphemy to assume that a knowledge of the facts collated by modern science can contradict those hopes which, as Browning said, are 'too fair to turn out false.'"

I believe that some recognition should be made in the High School of outside music, provided it is done in accordance with school regulations, and I suggest the following:

#### **Plan for Crediting Outside Music Study Under Private Instruction**

Pupils pursuing the study of piano and other instruments may receive therefor two and one-half credits yearly under the following conditions:

#### **Application**

1. Application must be made to the Principal of the High School before the opening of the semester for which credit is desired.

2. A copy of the approved Course of Study in piano covering seven groups will be furnished the pupils which they in turn will present to their music teachers. Music teachers will assign the pupils to the group for which they seem to be fitted. For other instruments courses will be planned in conference with the teachers of those instruments.

#### **Reports**

1. On the first Monday of each school month, on a form provided by the school, the pupil must submit to the school a report covering the work of the previous month, as follows: (a) number of lessons; (b) number of hours practised per week; (c) material studied; (d) mark, on the plan used in the High School, giving the teacher's estimate of the pupil's rating. This report must be signed by the music teacher and the parent or guardian of the pupil.

#### **Notes**

A. The material studied must conform to the grade of proficiency under which the pupil is entered.

B. The pupil must take at least one half-hour lesson a week during the entire school term for which credit is desired.

C. The pupil must practise at least six hours a week during the entire school term for which credit is desired.

D. Lessons or practice omitted for any reason must be made up before credit for that term is granted.

#### **Examinations**

1. Annually, in the month of June, the pupils will be examined by an examiner appointed by the School Board.

2. The examination will be based on the private teacher's monthly reports and the problems outlined in the approved course of study for the group to which the pupil has been assigned.

#### **Marking System**

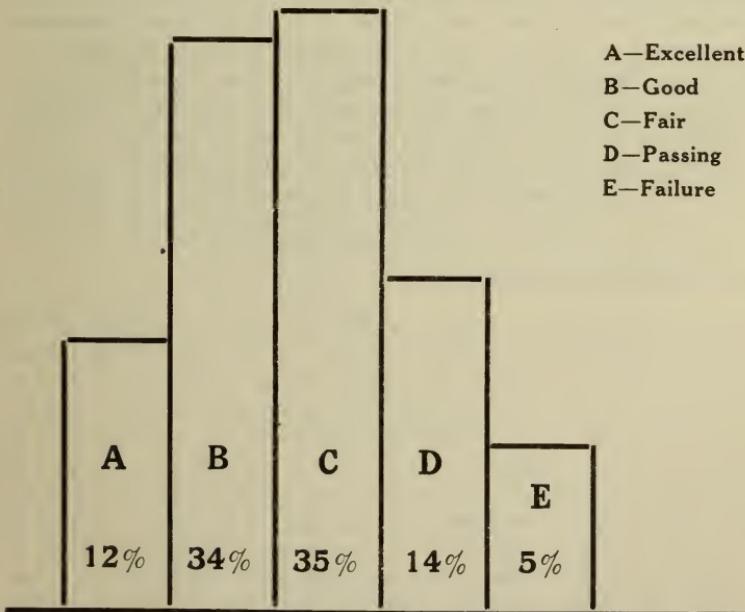
As has been mentioned elsewhere in this report, habits formed and powers and interests developed are of as much importance as scholastic attainment. A marking system that does not take this into consideration is not correctly formulated. To be satisfactory a marking system should answer the following questions:

Is the attainment in the subject

1. Of high excellence? Such as is ordinarily secured by only about 5 of 10 per cent of the class.
2. Good and satisfactory? This ordinarily means work above the average. This is a grade that would warrant certification for college.
3. Such that the pupil may proceed in the subject? This may be called a qualifying mark. This mark indicates that a thorough foundation has been secured in the subject and that the pupil may undertake the work of the next year with reasonable success.
4. Has the pupil secured results in his own education such that he should have passing credits for the course, even though he should not continue with the subject?

The following system of marks meets the above requirement:

- A Superior Work—Warranting certification to college or normal school.
- B Good Work—Warranting certification to college or normal school.
- C Fair Work—Entitling the pupil to proceed in that subject.
- D Entitling the pupil to credit, but not entitling him to proceed in that subject.
- F Failure.



Graph Showing Standing of Reading High Pupils in College

### Dean of Girls

A dean of girls tries to understand the high school girl as an individual, sometimes a difficult problem for a man to undertake. A woman advisor can often, and does often save the girl high school pupil from making unsocial and unhealthy blunders, to say nothing of being able to advise her about her life work. The dean strengthens and refines the social manifestations which develop so rapidly at high school age. By personal conferences the dean discovers natural tendencies and personal characteristics and helps the girl to determine how these can best be brought to a successful issue in maturity. We are very fortunate in having for our dean of girls a woman of such fine and balanced character as Mrs. Mingo. Confidence in the advisor is of prime importance and this confidence on the part of the girls of the high school Mrs. Mingo unquestionably enjoys. It is our plan to expand and develop the field of activity of the dean of girls more as time goes on, especially along the lines of guidance.

### Health and Physical Education

The first factor in a sound physical education program for schools is the protection of boys and girls from disease and contagion. That health is an asset to any community is of course obvious. It is estimated that on the mere basis of earning power alone \$2,000,000,000.00 are lost annually by adult sickness. This does not account for blasted hopes and troubles that come from this same illness. It is the business of education through science and other agencies to convince people that health is a community problem and that such scourges as whooping-cough, measles, tuberculosis, and other diseases can and must be reduced by co-operative effort. This part of the general physical education problem is taken care of in a splendid way by the teacher of health, the school nurse, and also by the diligent supervision of the basement, heating and ventilation given by the school janitor. The lessons in health are taught in such a way as to carry over into living situations and the men and women of tomorrow should be living in a cleaner, healthier world.

While the gymnastic program as followed out in the High School furnishes a legitimate means for engaging the leisure of high school pupils and serves to entertain the school patrons through athletic contests, its chief object is to develop good citizenship, ethical character through the agencies of well-developed bodies. Twice a week the boys and girls under the skilled and conscientious guidance of a man and woman instructor respectively are given such exercises as will build the youthful bodies into more perfectly organized machines. Poise, grace and strength, and a co-ordination of muscles are emphasized. Through the voluntary efforts of Miss Drury, specially trained to diagnose physical defects in girls, and Miss Smith, physical director, we have this year given one hour per week to corrective gymnastics. The results justify the time and effort spent.

**Lunch**

Because of the size of the school we are forced to use the two-platoon system; that is, half of the school have lunch while the other half is having assembly. The system does very well and seems to be the only one to use with the present accommodations. The kind and quality of the food served leaves little to be desired. Cleanliness and regard for the proper nutritive values are paramount with those who have the charge of the kitchen. We must, however, provide better facilities for the lunchers themselves and on account of the shape and size of the lunch room this is a difficult problem. It is hoped that some change for the better may be accomplished soon. As usual the lunch counter is run at almost cost to the pupils. Any surplus is turned into the counter in the form of equipment. This averages about \$75 per year.

**Janitor Service**

Public service long and faithfully rendered has it disadvantages in that it often leaves a void in daily affairs difficult to fill. The death of our faithful and beloved "Clem" Gleason, janitor for many years, left us in somewhat such a position. Fortune favored us in that we were able to get the services of Mr. Richardson, a man of sterling character and splendid abilities for the work required. Although Mr. Richardson has not yet learned all the many details of this responsible position he has taken hold in such a manner as to make it possible for the school to function properly.

In conclusion, then, the policy of the Reading High School is to bring about a balanced development of character, intelligence, and power. Because of the fine spirit and working together of the teaching force, definite progress in this direction has been made this year. The kind of supervision that you have always practised, that of helpful suggestion, has acted as a great steadyng force in our progress.

Respectfully submitted,

RUDOLF SUSSMANN, Principal.

Reading, Mass., Dec. 31, 1924.

## REPORT OF AGRICULTURAL DEPARTMENT

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The following is the report of the Agricultural Department of the High School for the year 1924:

The type and kind of work carried on was of the same high grade as in past years. Mr. Stewart Batchelder, now no longer teaching but happily employed in business, was a distinct loss to the school. His background, training, and personality were exactly suited to the requirements of the department. However, Mr. Hermon T. Wheeler, a graduate of Massachusetts Agricultural College and several years head of Breck's retail seed department, is admirably fitted to carry on the work. Mr. Wheeler is farm bred and trained and now owns and operates a fruit and poultry farm. He brings with him a great store of new and first-hand teaching material.

The total earnings from all sources of farm work by 18 members of the department was \$11,489.29. This is lower than it should be, but a disease which swept the New England poultry farms this year caused a considerable loss to the students.

A few Veterans' Bureau men are still with us and most of these are doing well but lack capital for the best results in project work. I wish something could be done to start several of these deserving men in the poultry business.

One of our graduates who entered Ontario Agricultural College attained highest honors in his mid-year examinations. He writes, "My agricultural course at Reading certainly helped me tremendously in my studies here." This sentiment has also been expressed by our boys at M. A. C. Agriculture, as noted by the President in several of his messages and as indicated by several authorities in recent speeches and writings, is of prime importance in the United States and especially in New England. We must continue to direct our young men of rural bent in this line.

The project-study plan of teaching agriculture first used in Massachusetts is now the plan used all over the United States and in many foreign countries. Representatives of other schools here and abroad continue to come to Reading to observe our system. Many of our graduates are in practical farming, several are in colleges of agriculture, and only a few are in other lines of work. New England is still one of the leading poultry and fruit centers and many young men will do well to go into this field as a life work. One of our students took several prizes in the Boston Poultry Show with birds raised on his project. We had the usual number of applications from nearby and

distant farmers for boys of our department for summer work. A Reading Agriculture boy can always find good farm employment.

The local fruit, poultry, and dairy farmers have co-operated as usual with the department in allowing us to use their plants as proving grounds. We extend our hearty thanks for this and other help received during the year.

Respectfully submitted,

RUDOLF SUSSMANN, Director.

Reading, Mass., Dec. 31, 1924.

## REPORT OF PRINCIPAL OF JUNIOR HIGH SCHOOL

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To Mr. Adelbert L. Safford,  
Superintendent of Schools.

Dear Sir:—I take pleasure in submitting herewith my second annual report relative to the aims, progress, and needs of the Junior High School.

I beg permission to repeat again this year some of the principal aims of the Junior High School, because it is only with those objectives clearly in mind that we can intelligently discuss practices and measure progress. Furthermore, the educational policies of the school must be the starting point for any consideration of building plans.

Pupils are eligible to enter the Junior High School who have successfully completed the work of the first six grades, or who, because of over-age, can profit more from special work in the Junior High School than from a repetition of grade work.

The work of the elementary school is largely devoted to a mastery of the fundamental processes such as reading, writing, spelling, arithmetic and oral and written English. Mature proficiency in those subjects is not attained in the first six grades, and they must be carried on by the Junior High School. The subject content, however, should conform more closely than formerly to present-day needs and practices, and greater stress should be laid upon creative work by the pupil. In the practical working out of this aim, we often find pupils working together in small groups on some common project, or preparing a special report for the class. In some of the newer Junior High Schools, small work rooms have been provided for this type of work.

The health objective should be given careful attention in the Junior High School, as in the whole school system. Permit me to quote from the report of the Commission on the Re-organization of Secondary Education, which has received nation wide consideration in recent years. "Health needs cannot be neglected during the period of secondary education without serious danger to the individual and the race. The secondary school, therefore, should provide health instruction, inculcate health habits, organize an effective program of physical activities, regard health needs in planning work and play, and co-operate with home and community in safeguarding and promoting health interests.\*

I cannot emphasize too strongly the inadequacy of the present equipment and facilities in the Highland School for physical training. The work is being carried on in the boys' basement which does not have a single feature to commend it for physical training purposes. The room is much too small, unattractive, poorly lighted, and poorly ventilated.

The windows are on a level with the playground, and when open, allows the dust to permeate the air. Furthermore, the size of the room and the location of the windows makes it almost impossible to prevent the wind from blowing on some of the pupils in the class. Some provision should be made as soon as possible relative to providing better facilities for physical training.

Perhaps the most important function which belongs to the Junior High School is that of exploring the interests and capacities of pupils in an effort to determine the general line of work which the pupil, because of inherent capacity and potential interest, can most successfully pursue with the greatest satisfaction to himself and profit to society. This means that, preceding the final choice of an Academic Curriculum which is made in the ninth year, the pupil should have an opportunity to prove to himself and teachers that he is linguistically inclined, and that he possesses the necessary mathematical ability to master the subjects which, at present at least, are demanded from those who plan on going to college. Preceding the final election of a curriculum which leads into the trades, a pupil should be given the opportunity to discover through shop experiences whether he is mechanically inclined and possesses the ability to handle tools skilfully.

This does not mean that the basic subjects, as English and arithmetic, are given less attention than previously. On the contrary, it can be proved that they are given greater prominence. It does mean, however, that when the pupil is ready to elect his senior high school work, he has a fund of experiences in various activities which will enable him to elect confidently and intelligently with greater assurance of success. It also means that the administrators have some data with which to approve elections rightly made, and to intelligently re-direct those who have made questionable choices. It helps to eliminate the trial and error method of electing courses which too often results either in a futile effort to fit the "square peg in the round hole," or necessitates a late change of curriculum with its attendant waste of time.

The Junior High School must also keep in mind that group of boys and girls who, for various reasons, will probably leave school soon after the law permits. This group of pupils must be given work of a vocational nature which has more immediate values, and which will help them to better cope with the problems of the work-a-day world.

It is evident that the realization of Junior High School Aims necessitates a broader and richer program of studies than that of the old grammar school. I am glad to report that our program of studies compares favorably with that of other schools of our size. I am inclined to believe, however, that Latin is the best foreign language that can be offered in a small Junior High School. In addition to its try-out value for determining linguistic ability, Latin has other advantages which have been well stated by Calvin O. Davis, Professor of Secondary Education, School of Education, University of Michigan. Professor Davis

in his highly commended book on Junior High School Education states:—

(1) Latin is the mother of many of the modern European languages, and a knowledge of Latin helps pupils later to acquire these languages.

(2) A large percentage of English words are derived from Latin, so that a knowledge of Latin contributes much to the comprehension and mastery of English.

(3) Whatever values of formal discipline inhere in any language may be found in Latin, and to a greater extent than in most other languages.

(4) Latin is prescribed for admission to many colleges, and in many colleges is accepted as satisfying the language requirement.

(5) Latin is prescribed for admission to many professional schools, such as those of medicine, dentistry, pharmacy, law and theology.

I am also inclined to believe that our Practical Arts Courses might profitably be broadened and enriched, although I am not as yet prepared to suggest definite changes.

The Junior High School has another extremely important duty to perform in developing those qualities of leadership, civic righteousness, and ethical responsibility which are essential to every citizen whatever his occupation. I think this latter objective devolves particularly upon the Junior High School because the child has reached the period when it begins to recognize itself as a social unit, and is conscious of developing tastes and powers. "The age of adolescence is a cross section of life characterized by idealism and distinctly marked by hero worship, love of authority, and desire for freedom." Taking this mental attitude into consideration, it is the time for sowing seeds of civic and ethical virtues. It is the time when special effort should be directed toward helping each child to realize that though "one cannot always be a hero, one can always be a man, that the poise which makes possible successful leadership is attained only by him who daily ruleth his spirit and that the essence of true liberty is freedom to do what one should, not what one pleases."

The successful realization of this latter aim necessitates a carefully planned program of educational guidance which will involve every member of the teaching corps. Through special club work, home-room organization, student government activities, and correlation of such subjects as English and social studies, an effort should be made to consciously direct student activities toward definite, worthy objectives. With these thoughts in mind, we have tried to include a plan of educational guidance in our program with the following definite objectives:

1. To give re-enforcement work in the basic subjects to those who are most in need of it.
2. To give an opportunity to pupils to discover and develop interests in worth-while activities not provided for in the regular program of studies.

3. To develop leadership.

4. To create and foster a consciousness of and an attitude for accepting moral and civic responsibility. This is attempted not only by discussion but by student participation in school administration.

The re-inforcement work is being carried on through the organization of remedial clubs which meet for a half-hour on Monday and Tuesday. It gives the teacher an opportunity to work individually with a small group of pupils who, for various reasons, are having difficulty in their work. The clubs which we have organized supplement work in English, arithmetic, geography, history, spelling, and penmanship. Admittance to the remedial club is compulsory, and is upon the recommendation of the teacher in whose subject the pupil is deficient. The pupil remains in the group only long enough to remove the deficiency and then is dismissed. Although admittance to groups for this type of work is compulsory, pupils are encouraged to regard them as a special opportunity to get help in solving their difficulties. Both the English and arithmetic teachers have reported that a few of the pupils have requested the privilege to enter the remedial clubs.

The second objective is being attempted through the organization of opportunity clubs of sufficient variety to meet the various interests of all the pupils. These clubs are wholly elective and meet at the same time as the remedial clubs. This means that every pupil belongs to two clubs either remedial or opportunity, all the time. If it is necessary for a pupil to join a remedial club, one opportunity club is dropped temporarily until the re-inforcement work is completed.

Experience has developed some weaknesses in the club work which however, can be overcome. In order to make the work most effective, especially in the remedial clubs, the groups must be small. This means that the school should be organized on the platoon system with one platoon doing club work while the other is having music or lunch, thus freeing about two-thirds of the teaching force for the club work. I also believe that the remedial clubs should be sponsored by the teacher of the subject which the club work supplements. That teacher has a better comprehension not only of the subject matter but of the particular needs of the pupil seeking re-inforcement work. This plan is being followed in so far as possible and seems more satisfactory. It is sometimes difficult to impress pupils and even parents that the opportunity club work offers a chance for creative work on the part of the pupils and is not an entertainment period. This objection can be overcome by the club sponsor who must so carefully organize the work that it is really worth while and does satisfy felt needs.

On Friday of each week, all pupils meet with their home-room teachers for one-half hour. At that time any matters pertaining to the welfare of the school may be discussed. Reports are often made from the student council, and pupils are urged to express their opinion on matters of civic and moral responsibility which are being discussed.

A short time ago a student council organized. This council, which comprises one representative from each home room, meets with the Principal the first and third Monday of each month. Thus far, the council has acted more as an intermediary between the Principal and the home rooms. Questions for discussion may originate from the Principal, the home room, or in the council meeting itself. Recommendations of the council are either presented to the student body for approval at the assembly period, or to the home room groups at their Friday meeting, or at both times.

Most of the home rooms are organized so as to place definite responsibility upon as many pupils as possible. Some pupils have charge of attendance, others keep the blackboards tidy, and still others have the plants to care for. In some cases, the home room period on Friday is conducted wholly by the pupils themselves under teacher guidance. In one room the organization takes the form of a betterment club with President and Board of Directors. Each home room is allowed to organize as it sees fit, thus developing initiative by both the teacher and the pupils.

Each one of the ten groups have elected two officers, a Captain and a Lieutenant, who act as agents of the group. Thus far, they have only functioned during the filing and have simply reminded forgetful pupils that they were not complying with traffic regulations. The traffic regulations are simple. Pupils are asked not to push, not to run on the stairs or in the corridors, not to talk loudly, and to keep to the right. The system is working well. The filing is noticeable because of its freedom but "freedom within the law." It is natural and orderly as opposed to any suggestion of militarism. The Student Council has recently recommended that the Captain and Lieutenant of the groups function in the class room as well as during the filing. The basis for this action is the thought that individual and group behavior is a group responsibility and should not devolve upon the teacher as is so often necessary. The student body has not yet acted upon the recommendation. The Student Council is also working upon a plan whereby the group officers can deal more effectively with the individual pupils who persist in not co-operating for the interests of the group and school.

Because of a change in the length of periods, every group does not have physical training every day. These groups are allowed a ten-minute recess in the middle of the forenoon on days that their physical training class does not meet. The groups have been allowed to go out of doors for recreational exercises in charge of one member of the group who has been specially trained in the leaders' club. The work has gone smoothly and provides one more medium through which leadership qualities are developed.

My explanation of student activities has been rather lengthy, but I wished to show that we are really trying to organize a plan for educational guidance with worthwhile objectives in mind. It is one thing to

teach civic and ethical virtues necessary for worthy home membership and constructive citizenship; it is a very different thing to make those virtues function in practice. It is a slow and often discouraging process, but the ends in view are very much worth the effort. I can see that progress has been made. As I have already said, the filing is good, the lunch period is orderly and yet free from unnatural restraint, the co-operation of the pupils with group officers and leaders, although far from ideal, is commendable. I anticipate greater success in the future.

The only other important change in the Junior High School has been made in the length of class periods. These periods have been lengthened from forty to sixty minutes. This change is in agreement with more recent Junior High School practice and, I believe, is pedagogically sound. We should no longer consider the class period wholly as a testing period where the question and answer procedure predominates. It should be a time for constructive work with the pupil actually doing something, rather than assuming the usual receptive attitude with the teacher doing the work. There should be some testing to measure progress and discover needs; there should be the assignment of work with careful attention to motivation and anticipation of difficulties; there should be the creative work of the pupils with the teacher acting as a stimulating and guiding helper. Sixty minutes is not too long a period for this type of work. There is, of course, a big danger that the teacher will utilize the time unwisely by doing too much talking herself. I feel, however, that the longer period is working out advantageously, and will show greater value as the teachers become better acquainted with its possibilities.

Permit me to call your attention to last year's report relative to crowded conditions at the Highland School. The need for additional facilities is keenly felt. I hope that the town will be able to adequately meet the situation in the near future.

In closing, I wish to thank all those who have in any way contributed to the success of the school during the past year.

Respectfully submitted,

RAYMOND W. BLAISDELL

## REPORT ON STANDARDS AND GUIDANCE TO AUG. 1, 1924

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Mr. Adelbert L. Safford,  
Supt. of Schools, Reading, Mass.

Dear Sir:—At your request I herewith submit my fifth report of my work as Director in Standards and Guidance. This report covers the period from January 1, 1924, to August 1, 1924, when I resigned my position to be married. At your request, also, I feel that I am permitted to review certain phases or features of my work.

First of all, I wish to say that all of the good results of this departure in school administration were made possible by the co-operation of all individuals concerned in any way with the public school system of Reading and with the co-operation of all of the town's social agencies. In the former group I include the School Committee, the Trustees of the Public Library, you, the Superintendent, who was ever ready for conference and ever helpful with suggestion and counsel, the clerk in your office and at the Highland School, the School Attendance Officer, the School Nurse, the principals, the teachers and the parents, and the most important factor of all, the individual child, all working co-operatively for the present and so for the future welfare of the child. In the latter group I name the Pre-School Clinic, the Habit Clinic, the Playground Committee, and the Tuberculosis Committee. I have enumerated these helps because at some time and more often many times each has helped to solve the problem at hand—in fact every agency of the town which promotes the public welfare of the community as related to its boys and girls. The boys and girls of today are the Men and Women of Tomorrow. These same youth are the town's greatest asset or as we have seen through columns of our daily newspapers it is possible for them to be the nation's greatest liabilities.

In the more than four years of my work, I kept to the objectives of my first year's plan but broadened the horizon as the work went on. The first step was to become personally acquainted with the pupils themselves. This was not altogether easy or altogether difficult for I had been teaching many years in the Junior High School in departmental work where I knew about 300 pupils each year.

With the ideal in mind, that if we

"Build today, then, strong and sure  
With a firm and ample base  
Then ascending and secure  
Shall Tomorrow find its place."

I began my work with the little ones entering the first grade. My plan was with the aid of the teachers to start each individual right in his

first days in school to insure happiness during the very first year and to continue in this watchful care from grade to grade until upon entry into High School or into the work-a-day world he could say that his early education had been "days well spent" in the school room. In the first grade I used the Dearborn Group tests. In the middle grades the Haggerty and Otis Classification. In the upper grades Junior High, the National Intelligence Tests. For individual testing I used Binet Simon test. The Dearborn Group Tests were used in the first grades as a means of finding out in a simple direct way what a child had acquired from his environment before entering school. This plan for four years succeeded admirably. The children were grouped so that they proceeded step by step as fast as their growth allowed. Non-Promotion from grade 1 to grade 2 was reduced from 36% to 14%. From the second grade on to Junior High School the number who gained a double promotion overcame the number who remained in the same grade for two years. It is and always will be a marvelous wonder to me to realize fully how plastic, how impressionable, how responsive these little "tots" of the first grade are and how with the skill of your teachers of their first-grade that they not only learn so much but acquire so many desirable traits of character,—dependability, self-reliance, kindness, initiative, responsibility and oftentimes real leadership in the right direction.

Last May and June a serious problem presented itself when we had to consider in the Union Street, the Center and the Highland Schools, grades 2 to 6, the placing in each classroom under one teacher at least 50 boys and girls. Today 30 and not over 35 pupils is considered as large a number as is possible for a skilful grade teacher to understand, to plan her work for, and to keep herself and her class up to the highest professional standards of effort and achievement along all lines in the New Education. In the Reading schools of a not very distant future, I see smaller classes and the opportunity for even broader education than is being given today.

All along the line there were boys and girls to whom I gave special attention. Perhaps it was a personal interview. It may have been special help a little more than what the teacher had time to give. It may have been special adjustment to class because the pupil was too far advanced for his class or because he was strong in one subject and weak in another. The latter might require co-operation with the home for special outside work, or a plan for working in two grades. Again there might be some illness or some other physical handicap. Whatever caused one pupil to stand out apart from his group, then it was that we, the teacher and I with the parent had a problem to solve. So many times, you, the School Attendance Officer—Mrs. Mingo, the School Nurse—Miss Brown and Miss Parker (now Mrs. Robert G. Totten) worked together with us on these special problems. In May of last year, we established the Habit Clinic under Dr. Olive M. Cooper. I am sure a better ground of understanding between Mother and Child in special problem cases has been obtained by this co-operative agency of the state which was to be had for the asking.

Right here I wish to quote from my first report of 1920: "The first step was to become personally acquainted with the pupils themselves. So the work began:—

1. By proper adjustment in so far as possible of the children, at the beginning of their school life in the primary grades, to the best environment for their first year of school.

2. By careful adjustment to the right grade and class of those pupils who were enrolled for the first time in the schools of this town, coming from other towns and cities of this and other states.

3. By special provision for the pupils of the Opportunity Room, fitting them into grades and classes where they could secure the best advantages in different subjects." Right here I may add, in 1924, that during the four years, now almost five years, that this room has been opened with the usual average registration of 15 pupils, over 100 boys and girls have had special individual programs under Mrs. Totten and were restored or re-instated in regular class rooms.

"4. By re-adjustment of any pupils in the several grades and classes where they could advance most evenly and smoothly for their special needs.

5. By observing carefully and directing extra work for mid-year promotion of those pupils whose standing in their group justified more rapid advancement." (I have followed from year to year with careful oversight these boys and girls who earned double promotion, between the years 1920-'24. They are the Honor and Maximum Honor and the pupils of good high standing in their classes today.)

6. By giving personal help daily to individual pupils, Grades 1-6 and to Junior High students also.

The above plan was faithfully carried out all through my 4 3-5 years of service.

Again, I quote from my first report:

"The second step each year was to 'check up' failure." Angelo Patri inspired me to this task and he says:—"Sometimes I wonder if most of the failures of the adult world did not start in the class room." So I tried to "Open the school out wide", "to take a mistake as a challenge to our power to help. A failure is but a bugle call to rise up and press forward." So we played the game in every grade class-room, from day to day, week to week, and on through the years of "Beat My Own Record." Aside from the fact of playing the game of "Beat My Own Record" there is the fact that each pupil was held accountable and read his own account just as the adult is conscious of his success by the accounting that he can render for his day's service. This idea of each pupil's checking up on his own work corresponds with the project of the Junior High School, the note book in History, Biology or Chemistry of the High School and latterly to the reports sent in by the student who is taking University Extension Courses.

James A. Moyer, Director of the University Extension Courses says:—"At its best, teaching by correspondence affords opportunity for individual

instruction of a high type. The instructor's attention is focussed upon the definite problem presented by the student's actual tangible work. He can make his corrections and explanations in no less tangible fashion. His written words do not vanish in the air to be forgotten or recalled in distorted form, they are a material record for the student to see and ponder."

The third step in my work was to use standardized material for testing in the everyday subjects as games to play,—to verify the judgment, to see that everybody was able to carry his share of the load and to experience the stimulus of succeeding along with his fellows or of advancing more rapidly.

After over four years of careful investigation I have found that the I. Q. or Intelligence Quotient which indicates a person's natural native mental capacity, and the E. Q. or one's Educational Quotient which determines what one has actually acquired educationally sinks into the background when the A. Q. or the Accomplishment Quotient which is the relation of the two former, one to the other, surpasses what in your mind you think is impossible to be achieved by certain individuals. Many times it comes home to us that the person who takes his TWO talents and makes them gain TWO talents more deserves and ultimately does receive the highest rewards. However, again, in all my work I have tried to advance, promote the pupil with rich endowment,—the Ten talent gifted one who has the responsibility of LEADERSHIP resting upon his shoulders and is now in the training school of service for his fellow men.

Each year I have made a special study by comparison with other towns of similar school population of the standing of our own grades in Writing, Spelling, Reading, History, Geography and Arithmetic.

Last June I prepared a report on an instensive study in Spelling which was carried on in every grade from the second through the sixth and through the Junior High School. Only five pupils failed to take the tests and they were in quarantine.

The tests were given for these reasons:

1. To supplement the State Wide Scientific Spelling Contest in which Reading ranked 17 among the 78 towns of Massachusetts.
2. To determine better just where supplementary drill should be given.
3. To better direct every day's spelling lesson, to give help where help is needed to relieve the skilful pupil in spelling of unnecessary drill preparation for a lesson in which he was already proficient.
4. To better understand the poor results in the subject of READING and other allied subjects.

We are using the Buckingham Ayre's Scale, the Thorndike Word List, —the first three thousand words, and the McCall Morrison Scale for our scientific work in spelling.

Below is a report of the State Wide Spelling Contest which proclaims

#### **Modern Methods Better Than Old**

Nine-year-old pupils spell better than pupils of the same age 45 years ago according to reports from studies made by Boston University. A

survey conducted in 1879 in Norfolk County, Mass., included three words common to those of the recent survey. The average spelling scores of 9 year old pupils on "which," "whose," and "too" in 1879 were 69, 54 and 23, respectively. A spelling test recently conducted in 78 Massachusetts towns and cities showed that pupils of the same age scored 76, 60, 79, respectively, on the same words.

The School of Education of Boston University plans to conduct a state-wide language contest this year by means of standardized tests. Last year a similar contest was held in spelling.

During the years 1923-'24 the Public Library has co-operated with the grades and with the Junior High by purchasing three copies of graded reading as provided in lists by the State Library Department. In the aggregate their purchase meant fully 500 books available for our boys and girls. A pupil's reading record was begun in the third and fourth grades to be extended each year. Dr. Horace G. Wadlin presented 43 certificates to pupils all through the grades who had read at least five books of the approved list. I leave it to you to consider the values derived from the love of the best in literature, art and science.

These lines of investigation and study in your schools have of themselves brought about a unity of thought and purpose in standards and guidance. A program of studies has almost been rounded up. The Reading schools through your unsparing zeal are now supplied with the best of up-to-date carefully selected material for Reading, Writing, Arithmetic, Geography and History. For three years the Reading teachers have been working out by study and investigation of all material for Language a rather defined grade program. The time is ripe for decision of a graded course suited to Reading's need.

I am confident that my successor, Mrs. Ida C. Lucas, will "carry on" the work which I began. Her rich experience and her interest in the welfare of boys and girls will make for the highest good of all in the schools of Reading.

Last June I was able to hand to Mr. Blaisdell, Principal of the Junior High, a more complete school record than ever before of each pupil entering the Junior High. This record confirmed the pupil's grade 1-6 record of school work, gave also his ability to cope with the work of the next grade, and also gave helpful suggestions for his sure advancement.

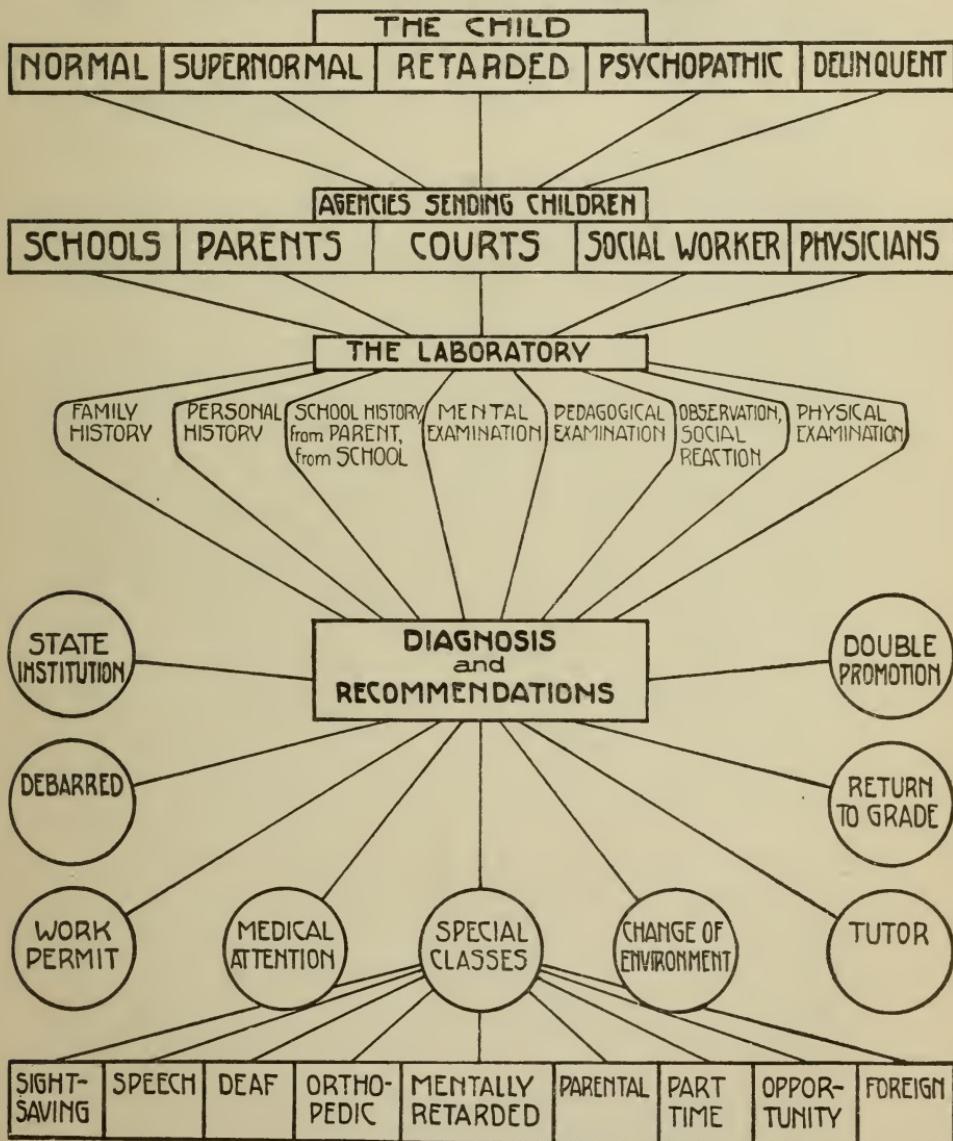
On August, the first, I was able to leave with you at your office for the personal benefit of the High School Principal and the Dean of Girls a careful more detailed record of each student entering the High School that no time should be lost for the student's best adjustment to courses and subjects. I, now, for two years have made this report and have received favorable comment from the Harvard Graduate School, the University of Michigan and the Leland Stanford University of California.

I also made this year Age-Grade Records 1920-'24 which you may wish to include in your report.

# CHILD STUDY DEPARTMENT

## SEATTLE, WASHINGTON, PUBLIC SCHOOLS

### DIAGRAM OF WORK



The diagram which I include as a part of this report was taken from the Journal of the National Educational Association and in a concrete way gives at a glance just what the new educational administration is doing to safeguard the CHILD in our complex civic life.

With pleasantest memories of my nineteen years of service in the public schools of Reading, I conclude this report.

Respectfully submitted,

FANNIE WHITTEMORE ROBINSON.

January 16, 1925.

**REPORT OF DIRECTOR OF STANDARDS AND GUIDANCE****August 1 to December 31, 1924**

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**Mr. Adelbert L. Safford,**  
Supt. of Schools, Reading, Mass.

Dear Sir:—At the beginning of her work, my predecessor said that her first job was to get acquainted with the pupils. This task which she had accomplished so well must be begun again by anyone new to the position and must take some time even with the aid of the very complete records which she had filed in the most systematic manner. This knowledge means much more than knowing the name and grade of the pupil. We have a system in the making which will enable us to know the characteristics, special aptitudes, weaknesses, line of interests, and scholastic attainments of each pupil. This will have two great values: First, when a pupil comes to the place where it is necessary for him to choose his course in the Senior High or his life work, we can give him advice based on scientific data rather than on an indefinite personal opinion. Secondly, it will mean that we shall find any pupil who, for any reason whatever, is not in the place where he can work happily and with, at least, some measure of success. When such a pupil is found, a careful study of the case is made. The aid of the nurse is enlisted to see that there is no physical cause for the maladjustment. A visit is made to the home so that there may be a closer understanding and co-operation between the parent and the school. If there are questions upon which expert advice is needed the parent may have the privilege of taking the child to the "Habit Clinic" in charge of assistants sent out by Dr. Thom from the State Department of Child Welfare. Following this careful study, we endeavor to see that the pupil has the school work adapted to his individual needs.

This has made necessary a very careful and thorough study of our curriculum. Already there has been a conference of the teachers of the first four grades to discuss the work in language. They have adopted a plan of work based upon the recommendations of men who are leading in educational thought today. The course, however, is flexible enough to give the slowest pupil an opportunity to succeed in part of it and yet give the most brilliant one enough to do so that he will not be acquiring habits of mental laziness.

We are also working on a plan of promotion that should secure to every child a steady upward progress according to his individual ability. Our aim is to have no pupil repeating work unless necessary on account of absence or ill health, no one pushed ahead into work for which he is

not fitted, no one marking time, but each one working successfully and happily to the full extent of his ability.

Three, at least, of our pupils have been promoted a grade since September and all are proving that our scale of measurement was correct for all are doing good work and the one about whom we felt the most doubt had honors on his last report.

There is always a question about the advisability of a pupil's skipping a grade on a double promotion. A careful study of the methods used in some other towns and the opinions of men in a position to be good judges of educational practices seems to point to a plan of acceleration. For example, John is found working in the fourth grade but has the ability to do the work of the fifth. Instead of advancing him to the fifth give him the opportunity to do the fourth, fifth, and sixth grade work in two instead of the usual three years. This plan gives the same results as double promotion in scholastic work without causing any loss in the necessary drill work or removing the child from the social group where his age would place him. The four most important rules or principles to be followed are as follows: No pupil to be recommended for acceleration who is not superior in natural ability, whose pedagogical skills are not above the medium, or who is retarded in physical or social development, or whose health is marked poor by a physician.

There is one great difficulty in carrying out the plan of fitting the school work to each pupil and that is the impossibility of doing much individual work with the over-crowded condition of many of our schools.

At this time I wish to express my sincere appreciation for the welcome and whole-hearted co-operation which all the teachers have given to this work and without which it cannot succeed. I have been made to realize as never before that from the superintendent down we are co-workers striving to do the best possible thing for our boys and girls.

Respectfully submitted,

IDA C. LUCAS,  
Supervisor of Standards and Guidance

## REPORT OF CLUB WORK

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**Mr. A. L. Safford, Supt. of Schools,**

Dear Sir:—At your request, I submit the report of the Achievement Club Work for the year of 1924.

Soon after the years of the intensive drive for war gardens, when a reaction had set in and interest lagged, I was asked to take charge of the school garden work. Something new was needed to revive the interest and by linking up our work with the county organization the new incentive was found. The Massachusetts Agricultural College, the U. S. Department of Agriculture, and the Middlesex County Extension Service in Agriculture and Home Economics co-operating as a part of their work help local leaders form clubs of school children throughout the county. Much valuable literature is distributed from their headquarters, and their agents are constantly giving talks to the clubs and visiting the individuals

Every member of the county organization, who completes the required work, keeps a simple but full record of his work with expenditures and receipts, and writes an account of his experiences, receives from the Bureau the well-known four-H pin. These records and reports are sent to county headquarters at Waltham together with the leader's report on the work of each member. Here they come into comparison with the work of hundreds of club members from all over the county and a champion of Middlesex County is chosen who is given a week at Camp Vail. Others who have excelled in the work done are given a two-day trip in automobiles to Amherst. Eight of our boys and girls have had this trip and one of them, through the interest aroused by the club work, is now a student in the college.

In August of each year the clubs in our section of the county hold a union picnic. For three successive years The Reading Clubs have won the banner in the competitive field sports until now it is ours, another trophy to show the fine co-operative spirit and clean sportsmanship of our young people.

Another feature which has been of great value in maintaining the interest has been the annual fair. At first this was held in the Highland School Hall but last year the Reading Grange not only gave us a large table at their fair for our exhibit but generously donated twenty-five dollars for prizes.

The first year only garden work was attempted. Since then the work has grown until now we have a Poultry Club, a Canning Club, a Food Club, two Clothing Clubs and a Camp-cooking Club of nine boys. Mem-

bers of the poultry clubs have won many prizes in the Springfield and Boston Shows. The canning and garden clubs have both won prizes at the New England Fair at Worcester.

If we believe that the best way to train our boys and girls to be good citizens ten years or so later is to get them to be good citizens now, one cannot question the value of this club work. Each club member carries on his part in the necessary work of the real world. He is expected to do this work well and systematically. It is quite an achievement to feed and care for a flock of poultry so as to show a substantial profit per bird at the end of the season. It is well to be able to cull the boarders who are not earning their living as some of our members can do.

The canning club in 1924 consisted of eighteen members who canned over eleven hundred jars of fruit, vegetables, jellies, jams, pickled products, meat, soup and other things. This winter there are seventy boys and girls pledged to wash the dishes at least fifty times, make beds, sweep floors, dust, and other kinds of home work. Thirty-six will learn to make two kinds of yeast bread and three different quick breads, while thirty-four are to make at least two useful articles of clothing. The best thing about this work is that it ceases to be a dreaded chore to be shirked and becomes a thing of interest.

During 1924 one hundred and eighty-two members have been enrolled. Many of the garden club carried through quite extensive gardens and showed a substantial profit at the close of the season. This is in striking contrast to what used to happen so often when a garden would be started with great enthusiasm with a crop of weeds as the only crop.

In closing, I want to thank the School Superintendent and Committee for their sympathetic attitude towards this work, the Grange for their generosity, the Editors of the Chronicle, who have always been ready to give us space in the paper, and especially the many parents, whose splendid co-operation has done so much to make this work a success.

Respectfully submitted,

IDA C. LUCAS

## REPORT OF SUPERVISOR OF DRAWING

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Mr. Adelbert L. Safford,  
Reading, Mass.

Dear Sir:—I herewith submit my third annual report of the Drawing Department.

The pupils have shown more interest and enthusiasm this year than any preceding year. They are thinking well in terms of light, color, positions, directions, distances, measures, proportions and shapes. Moreover, many are co-operating nicely by collecting and bringing to school illustrative material, such as pictures and clippings. Their interest has led them to a desire to do much original work and extra work outside the classroom.

The general outline in the grades was design, representation perspective, construction, nature work, color theory, landscape composition and special holiday projects. These are all closely related to one another and graded by a series of problems, simple enough, to yield the greatest practical response in the briefest period.

In the Junior High School, there were two phases of the work worthy of mention. The Juniors developed original acorn designs and applied them in color to trinket boxes which were constructed with light cardboard and colored paper. The boxes were most attractive and each pupil worked earnestly.

Meantime, the Seniors developed a large notebook of pictures, collected by them to illustrate all the principles of design, found in art and in nature, namely: Repetition, alternation, balance, radiation, measure, unity, proportion, transition and opposition. The last half of the notebook illustrated examples of color schemes in nature and in art, namely: complementary, split complementary, triadic, monochromatic, analogous, and dominant harmonies. This method brought theory and practice together, and the pupils became aware of the fact that art penetrated every corner of life and that it was not a matter of "likes or dislikes" but "reasons why". No condition of what we call culture is more to be desired.

In the Senior High School the course in the History of Architecture proved most interesting. Each pupil wrote a short composition, illustrated with beautiful pictures on each of the following styles: Egyptian, Greek, Roman, Romanesque, Saraceni, Byzantine, Gothic, Renaissance, and Modern.

In conclusion, I wish to express my sincere appreciation to all who have co-operated with me in the yast year.

Respectfully submitted,

M. ADELLINE LAHAISE.

## DOMESTIC SCIENCE COURSE, JUNIOR HIGH SCHOOL AND HIGH SCHOOL

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To Superintendent of Schools A. L. Safford:

While many things contribute to health, the foremost consideration is food. This is recognized today as always hitherto and is pursued in the homes as well as in the schools. There are several aims for the teacher outside of giving the pupils a most thorough course in cooking and housewifery. An attempt is made to socialize the subject, to modify their food habits, and to make them quite independent of reading matter, and to teach them skill in the use of their hands. The lessons should be left with this in the pupil's mind: "I can produce this because I have, or because I know what is wrong, because I know what I have done in the classroom."

Because of the luncheons (forty or fifty) furnished daily to the Junior High School by the pupils, the meal system is the basis or plan through which the course is developed. This gives the pupils ability to estimate amounts, to understand relative combinations, and a better idea of time for preparation. Also this has a socializing influence in bringing closer together the school and the home. The girls follow out and develop their menus with a wide opportunity for the cooking of nearly every type of food, any extra food always being sold at the school luncheon.

The Grouard House is an ideal place to carry on such work, bringing in the home atmosphere. It is already furnished with first-class equipment and is playing an important part in the education of the young people of the community.

ELIZABETH CHALMERS.

## REPORT OF ATTENDANCE OFFICER

Mr. Adelbert L. Safford,  
Superintendent of Schools,  
Reading, Massachusetts.

Dear Sir:—Below is submitted for your approval the report of my work for the year ending December 31, 1924:

### Attendance

The handling of this has been much the same as for the two years just preceding, but it has been simpler and pleasanter because, as people in town have become better informed concerning the nature of school attendance laws and understand that the officials enforcing these laws are really friendly in their purpose, the whole spirit of the thing has changed. Where at first the visitor to the home had difficulty perhaps in establishing anything like a cordial feeling, now your attendance officer is nearly always welcomed as a friend who is trying to make things easier for the parents and their children. There is splendid co-operation between most of the homes and the schools of Reading.

A school attendance officer's duty, as I understand it, is not merely to enforce the law regarding compulsory education, but it is also to find out, in cases of irregular or non-attendance, the reasons and underlying causes and to make adjustments, if possible, which will correct bad conditions. Very seldom does this duty mean recourse to outside agencies such as the police and courts, but occasionally matters that need very strict handling finally have to be taken to them. For instance, the Court committed one boy to truant school during the year and placed a brother on probation, after all the efforts of the harassed mother and the attendance officer had failed. At another time, the local motorcycle police officer helped materially in rounding up a truant whose teacher and mother were distracted with worry over his absence. Many times the Town Visitor has been consulted and has helped out, as have other kind-hearted people in town, where rubbers, shoes, and other clothing have been lacking and contributory to non-attendance at school. The teachers generally are looking carefully into reasons for absence, tardiness, and delinquency and one or two have been especially helpful in securing clothing, work, or getting some outside agency interested in a worthy cause.

The Children's Friend Society of Boston has taken over the care of two attractive little girls, whose mother is dead. These children have for the last three years been very irregular in attendance and, although young, were certainly heading towards serious trouble on account of their wav-

wardness. They have been placed in another locality and are under the direct supervision of an experienced woman who can give them the attention they need and who will see that their father does his duty by them, something that he has not done previously if the facts we managed to unearth can be believed.

Your attendance officer has discovered more than one good soul in town who is acting a mother's part towards children whose natural parents are dead or irresponsible. In one case a woman, now a widow, has had one boy since he was a few hours old. Now that he has grown large enough to work and help her, he has left school of his own volition for this purpose, for he feels that he ought to do all he can for her and those other children she has who have no more claim on her than he has. In the first boy's case she has never received a cent for his support and of course has gone without things herself to keep him and these other children whose only appeal to her is their helplessness.

There are, however, a number of cases where neither the school nor the home has seemed to function well in attempts to bring a boy or girl into line. The fact is in such cases that the child has usually gotten out of hand at home and has always been restrained at school with difficulty. He has a dislike for all authority, except his own inclination, and usually leaves school as soon as the law permits. Several youths of 16 or over are even now loafing about the streets of Reading, a liability on the community's books, because of this unsocial attitude and their ingratitude towards the ones who have tried hardest to help them. The Scouts often help the younger boys to find themselves, but, when boys of this age break over the traces, it is hard to influence them. There seems to be need of a Y. M. C. A. or similar organization in Reading.

In all the number of children reported has been about 125. Some of these have required only one visit; some, none at all, as a telephone call was all that was necessary. In other cases the School Nurse or the Director of Standards and Guidance helped to clear up the situation. In some instances several visits of the attendance officer were made before matters were adjusted satisfactorily, while one or two required many visits, telephone calls, and letters before they were smoothed out. About 130 visits were made last year to homes, but this is fewer than the year before. Merely a call at the school and a talk with the child in question was sufficient sometimes. As I said before, there is a pretty general understanding of the nature of my work and an attitude of helpfulness all over town which is a source of great satisfaction to me.

#### School Census

This year, as last, the Civics classes have taken the census. Last year the boys' classes, under the direction of Mr. Taylor, went from house to house securing names, dates of birth, and other necessary information about Reading's young people from five to twenty-one years of age. This year Miss Bean's classes of girls did the work. On the whole this has been well done and much thanks is due to the teachers and pupils, for it would

have cost Reading a substantial sum to hire a competent person for this purpose. However, next year I would recommend that the census be entrusted to adults, as many times the boys and girls are diffident about asking for the information they really should have for their records. By law we are required to take a school census and it should be done right.

#### Certificates

The issuance of certificates to minors has been handled also by the attendance officer as in the two years preceding: 66 certificates to boys and 54 to girls. In all there were employed during 1924 mainly in Boston, Wakefield, and Reading, 271 minors living in Reading. We received from other towns certificates of 4 minors under 16 years of age, authorizing their employment in Reading. This certification mentioned above has affected about 120 firms or employing individuals. Not all these young people certificated this year or previous years are through school. Twenty boys and at least five girls received certificates for summer vacation work or work outside school hours. In a few cases one person has had issued to him or her more than one certificate, on account of change of position. We are still troubled by the failure of some employers to return certificates after minors have left their employ, but, on the whole, Reading's business and manufacturing firms are responsible and co-operate in this respect.

With this thought of co-operation for the solving of our problems I wish to close this report. Much of my work has been made pleasant and easy because of the helpfulness you have shown me and the advice you have given me. At this time I am glad to express my hearty appreciation to you and others both in the School Department and out who have assisted in smoothing my path for me.

Respectfully submitted,

ABIGAIL H. MINGO

Reading, Mass., Dec. 31, 1924.

## REPORT OF SCHOOL NURSE

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Mr. Adelbert L. Safford,  
Superintendent of Schools,  
Reading, Massachusetts.

Dear Sir: I herewith submit for your approval my fourth annual report as School Nurse:

When school nursing was introduced in New York in 1902, it was for the purpose of the detection of contagion, for the treatment of minor ailments, and for follow-up work in cases of exclusion. The work has gradually expanded until at the present time there seems no limit to its possibilities. The whole scope of educational hygiene has so broadened that it seems the work of the school today is not only to prevent sickness and subsequent loss of time but "to preserve the child from all kinds of morbidity, repair his existent deformities, combat his unfavorable heredity, and overcome the bad conditions of his environment; in a word, fortify his constitution and render him physically and mentally fit for the struggles of life."

"This rapid development of health work in the school is not to be regarded merely as an educational reform, but rather as the corollary of a widespread realization of the importance of preventive measures in the conservation of natural and human resources. The prevention of waste has become in fact the dominant issue of our entire political, industrial, and educational situation."

That the people of Reading have this realization is evidenced by the splendid co-operation with which they have met the expansion in the school health program. As each advance has been made, the parents and local organizations have been ready to receive and support it. This display of confidence is not only gratifying but is necessary for fullest development of the work.

Of necessity a good part of my work, such as inspections, weighing and measuring, class room health talks, and follow-up work, must be routine. Owing to the unusually large classes throughout the schools, there has been a marked increase in the time required for these duties, thereby leaving less for advancement and development of the work. More time is needed for stimulating the teachers and suggesting to them various ways in which health may be presented; more health talks in the grades might be given, and more classes in Home Nursing, Hygiene, and Mothercraft might be conducted. All of these at times suffer from lack of time.

However, as a whole, the work shows progress, not so much perhaps in the number of innovations, but in the general broadening and the better understanding of its aims on the part of the parents. In my report two years ago I suggested the advisability of having a complete examination of every pupil each year. Up to the present time, with a part-time school physician, this has not been possible. A decided step in that direction was made this year with the examination of the children in the first grates in the Lowell Street, Union Street, and Prospect Street Schools. The examination was not compulsory and in only those cases where the parent requested it was the examination made. Sixty-three children were given a careful physical examination and in thirty-one cases some physical defect was noted and some recommendation made. Until such time as adequate medical inspection is provided, I would suggest that an examination be made in the first, sixth, and ninth year, if possible.

#### Clinic Work

The several clinics in Reading, which have come to be a part of the general welfare program, have continued to do good work and have added their share to "Community Health."

First I should like to mention the work of the Pre-School Clinic as it affects the school problem. Last year several children who were entering school this fall, attended the clinic and were examined by the doctor in charge. The advantage of this procedure is evident, for physical defects found at this time can be corrected before the child enters his school career.

The work of the Dental Clinic has continued with few material changes. Since the beginning of school in September the clinic has operated two days per week instead of one and the fee of 35c which the children brought each visit was increased to 50c. The increase in time has meant an added burden on the Red Cross and Tuberculosis Committee and should be fully appreciated by the parents and all those who have been benefitted by the school clinic. The enrollment has reached a total of 472 and during the year 827 children were treated at the clinic.

The Schick program which was introduced last year was conducted again this year. Eight clinics were held with an average attendance of 187 children. Altogether 466 children were schicked and 280 children received the three inoculations of toxin anti-toxin.

In last year's report I spoke at some length of the Examination Clinics conducted by the State Department of Health. Since then the Department has started on its ten-year program and Reading has had to wait its turn for the clinic. As this report goes to press plans are being made for a re-examination to be held early in January.

The one clinic which is essentially new this year is the Habit Clinic. This clinic, in charge of a psychiatrist and a psychologist, is held one day a month at the Grouard House and is for the treatment of problem cases.

For some time we who have to do with children have felt the need of treating the "whole child"; in other words, we have realized the significance of the relationship between the mental and the physical health. The Prospect Street Parent-Teachers Association stands out as pioneers in this field of endeavor and it was largely due to their efforts that the need for such treatment was brought to the notice of the public. In May through the efforts of the superintendent and others the State Department of Mental Hygiene, under the direction of Dr. Douglas Them, was appealed to and Reading has the distinction of being the first town or city outside of Boston to run such a clinic.

Although the clinic has been operating for a short time, the results are most gratifying. The average attendance has been 5, with the cases referred for the most part by the Director of Standards and Guidance, the Attendance Officer, and myself. Much credit is due Mrs. Elisha Fowler, Chairman of the Program Committee of the Prospect Street Parent-Teacher Association, for her part in securing the clinic and her generous assistance at the clinic after its establishment.

Special emphasis has been placed on health education this past year. In as far as possible this branch of the work has been left with the teachers and excellent work, which has been done in some of the schools, shows that the teachers are coming more and more to realize that knowledge without health is valueless. The idea of health education is not to add another subject to the already over-crowded school program but to have it correlated with the language, reading, spelling, and other school subjects.

In closing, let me mention with gratitude the support of the various local agencies, the local Tuberculosis Committee, Red Cross, Visiting Nurse Association, and the Parent-Teacher Associations, each of whose co-operation and assistance have meant so much to the work. It is not fitting that I should end this report without acknowledging the fine spirit of helpfulness of Dr. Henderson, the school physician. It has been a pleasure and a privilege to work with him. And lastly, may I thank you, Mr. Safford, for your comprehension and interest, and each and every teacher for his or her spirit of friendliness and assistance.

Respectfully submitted,

MABEL M. BROWN, School Nurse.

Reading, Mass., Dec. 31, 1924.

READING HIGH SCHOOL CLASS DAY EXERCISES  
CLASS OF 1924

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Reading High School Hall

Monday afternoon, June twenty-third, at three o'clock

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Class Officers

GUY MacKAY CROSBY	President
HAZEL CROCKER KILLAM	Vice-President
LOUIS OGDEN RANDALL	Secretary
BROOKS CARTER WHITE	Treasurer

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Class Day Committee

GUK MacKAY CROSBY, Ch.	DORIS MAE TEMPLE
BROOKS CARTER WHITE	GEORGE JOSEPH ENGLISH
	HAZEL CROCKER KILLAM

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Class Motto

"FACTA NON VERBA—DEEDS NOT WORDS"

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PROGRAM

March	High School Orchestra
Address of Welcome and Presentation of Class Gift	Guy MacKay Crosby
Class History	Solomon Horwitz
Chorus—The Call of Duty	Hadley
Class Prophecy	George J. English, Norman McClintock
Chorus—Forest Dance	Taggert
Class Elections	Randall W. Weeks
Class Will	Heloise W. Playdon
Class Song	Marjorie P. Berle
After the singing of the class song the audience is requested to adjourn to the grounds	
Ivy Oration	Guy MacKay Crosby, President of Senior Class
Acceptance of the Spade	Robert M. Merritt, President of Junior Class

READING HIGH SCHOOL COMMENCEMENT EXERCISES  
CLASS OF 1924

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High School Hall  
Tuesday Evening, June twenty-fourth  
at seven forty-five o'clock

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PROGRAM  
Salutation

BLACK DIAMOND OVERTURE	R. Gruenwald
High School Orchestra	
MARCH	Rollinson
High School Orchestra	
PRAYER by Rev. Wesley G. Huber	
CALL OF DUTY	Hadley
Chorus	
CLIMBING	
Richard P. Dow	
THE HOME, THE SCHOOL AND EDUCATION	
Robert M. Barclay	
FOLK SONGS OF AMERICA	
Esther Millett	
FOREST DANCE	Taggert
Chorus	
MORAL AND RELIGIOUS TRAINING IN THE PUBLIC SCHOOLS	
Marjorie P. Berle	
CONFERRING OF DIPLOMAS	
Walter S. Parker, Chairman of School Committee	
BENEDICTION	
By Rev. Marion Franklin Ham	
MARCH—Defend America	Hadley
Director of Music—J. Albert Wilson	
Faculty Honor—Myer Linsky (Excused from Essay)	

## CLASS OF 1924

**Agricultural**

Bent, C. Raymond  
 Black, C. Leman  
 Elwell, Richard L.

Riessle, Roland R.  
 Worthern, Donald E.

**College**

Atwood, Ralph F.  
 Allard, Dorothy A.  
 Allard, Helen J.  
 Baker, Harold M.  
 Barclay, Robert M.  
 Berle, Marjorie P.  
 Bruce, George H., Jr.  
 Crosby, Guy M.  
 Davis, Donald G.  
 Dow, Richard P.  
 Eisenhaure, Emily  
 Hodson, Carlton A.  
 Horwitz, Solomon  
 Lewis, John B.  
 Lynsky, Myer

Millett, Esther  
 Milton, Henry C.  
 Morrison, Kenneth O.  
 Mussells, Sylvia F.  
 Nodding, Phyllis  
 Pettengill, Catherine  
 Porch, Doreas D.  
 Riseman, Benjamin  
 Savage, Thomas W.  
 Ward, Helen F.  
 Weeks, Randall W.  
 White, Brooks C.  
 Whitehouse, Robert N.  
 Winslow, Ruth M.

**Commercial**

Blaisdell, Phyllis  
 Burditt, Ethel F.  
 Conti, Ralph A.  
 Cronin, Harold J.  
 Curtis, Edward G.  
 Emerson, Arthur W.  
 English, George J.  
 Fowler, Walter M.  
 Galvin, James J.  
 Helrich, Svea E.

Killam, Hazel C.  
 Legro, Mildred E.  
 McBrine, Richard E.  
 McKenney, Charles J.  
 Newhouse, Gladys M.  
 Parker, Prudence  
 Playdon, Heloise W.  
 Rich, Marion M.  
 Sullivan, Charles H.  
 Wall, Helen E.

**General**

Babine, Richard H.  
 Bangs, Winifred J.  
 Bedley, Freeman A.  
 Brown, Ruth W.  
 Buckle, Marjorie H.  
 Carleton, Philip P., Jr.  
 Copeland, Rollins E.  
 Dewey, Alden B.  
 Felton, Edward N.  
 Gaw, Jennie L.  
 Gratton, Norman E.  
 Harriman, Jonathan

Jones, Leon R.  
 Kenney, Roger A.  
 Killam, Gregory A.  
 MacInnis, Norman P.  
 Marchetti, Ellen M.  
 Middleton, John J.  
 Pike, Elizabeth L.  
 Sherry, Dorothy W.  
 Temple, Doris M.  
 Upton, Franeella H.  
 Weale, Kenneth M.  
 White, Helen M.

**Normal**

Burrage, Ruth	Hoey, Helen F.
Hazelton, Ruth E.	Quinlan, Catherine A.
Hodson, Doris M.	Randall, Louie O.

**Scientific**

Eeles, Charles C.	McClintock, Norman L.
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**PUPILS GRADUATED FROM JUNIOR HIGH SCHOOL, JUNE, 1924**

Ainsworth, Naida	Lassell, Sidney
Armstead, James	Lefave, Adele
Babine, Dorothy	Lewis, Mary
Barnes, Dorothy	Levine, Louis
Birnie, Iris	Lindsay, Margaret
Black, Grace	Linquist, Edith
Blood, Miriam	Livingstone, Kenneth
Boyle, Harold	Long, Sara
Brennan, Mary	Lovering, Eleanor
Bronson, Eugene	MacDonald, Clifton
Brown, Doris	MacDonald, Joshua
Burnes, Norman	Melonson, Esther
Cail, Max	Mansfield, Isabelle
Canty, Francis	Marechetti, Emma
Chase, Dorothy	McClintock, Thelma
Cheney, Lois	Miles, Anna
Colley, Orrin	Mooney, Joseph
Condry, James	Morrison, Kenneth
Crafts, Eleanor	Morrow, Gladys
Day, William	Morton, Whitman
Davis, Dorothea	Moyer, Arthur
Delong, Lyle	Mussells, Albert
Desmond, Agnes	Munnis, Warren
Dickinson, Herbert	Murphy, Florence
Dill, Helen	Nash, Florence
Dimock, Ruth	Nichols, Kenneth
Doherty, Katherine	Nodding, Virginia
Doiron, Arthur	O'Brien, Alberta
Dukelow, Charles	Palmer, John
Edwards, Marion	Parker, Bernice
Ellis, Francis	Parker, Isabelle
Esterbrook, Florence	Parker, Boyd
Fernold, Anthony	Parsons, Frederick
Field, Ruth	Philbrook, Perry
Flaherty, Mary	Pomfret, Richard

- Flanders, Harriett  
Fleming, James  
Folley, Frank  
Foote, Albert  
Gadbois, Anna  
Gallant, Frances  
Gallant, John  
Gleason, Doris  
Gray, Donald  
Gray, Phyllis  
Green, Thomas  
Halligan, Edward  
Haines, John  
Harding, Virginia  
Harnden, Sarah  
Henehey, Harold  
Henehey, Kenneth  
Heselton, Frank  
Hickey, Elizabeth  
Hickey, Roger  
Hickman, May  
Hickman, Ruth  
Hodges, Helen  
Hodson, Alice  
Holmes, Evelyn  
Holt, Kimball  
Howard, Frank  
Jarvis, Louise  
Jones, Carrie May  
Kelch, Raye  
Kenney, Edward  
Kimball, Alfred  
Kimball, Warren  
King, Herbert  
Pratt, Ethel  
Remick, Evelyn  
Riley, George  
Rogers, Gladys  
Ruggles, Elaine  
Ryland, Mary  
Sears, Beatrice  
Sias, Beulah  
Sias, Edward  
Sias, Wilbur  
Shannor, John  
Smith, Marjorie  
Smith, Roger  
Spanella, George  
Soule, Gilbert  
Staege, Alfred  
Stevens, Marion  
Stevens, Ruth  
Stokes, Jennie  
Sullivan, George  
Sweetser, Charles  
Tabachnick, Isaac  
Tlxter, Faith  
VanHorn, Verna  
Wait, Robert  
Ware, Lucille  
Weeks, Malcolm  
Wendell, Stephen  
White, Florence  
White, Margaret  
Whitehouse, Grace  
Williams, Anna  
Williams, James  
Wilson, Irene  
Yunghans, Elizabeth

TEACHERS IN SERVICE, DEC. 31, 1924, WHERE EDUCATED, YEAR APPOINTED  
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 31, 1924

SCHOOL	GRADE OR SUBJECT	NAME OF TEACHER	WHERE EDUCATED	YEAR APPOINTED	DALARY	AVERAGE ENROLLMENT	AVERAGE MEMBERSHIP	PERCENT. OF ATTENDANCE
High School	Principal .....	Rudolf Sussmann .....	*Conn. & Mass. Agr. Colleges.....	1917	\$3000	529	508	91.6
	Head Eng. Dept.	Helen R. Abbott .....	*Mt. Holyoke College .....	1915	1900			
	Phys'l. Training,	Mona L. Ames .....	*St. Lawrence University .....	1924	1300			
	Biology, Health	Elizabeth A. Batchelder .....	*Salem Normal.....	1916	1800			
	Conn. Eng., Busi-	Carl W. Belmore .....	Bates College .....	1921	2100			
	ness Practice,	Alfred Boehm.....	*Tract School, Germany.....	1920	2000			
	History, English	Clarissa Brown.....	Gorham Normal (B. U. 2 yrs) .....	1924	1300			
	Manual Training,	Eva A. Buckley .....	*Bay Path Institute.....	1924	1500			
	Mech. Dr....	Albert F. Drury .....	*Salem and Posse Normal.....	1917	1800			
	English .....	E. Frances Greenhalgh .....	*Williamitic Nor., Bay Path Inst.	1914	1800			
	Sten. and Type,	Luke Halpin .....	*Bowdoin College .....	1922	1900			
	Bookkeeping and	Lillian Jeffs.....	*St. Lawrence University .....	1917	1800			
	Pennmanship...	Helen G. Kershaw .....	*Radcliffe College.....	1919	1800			
	Sten. and Type.	Abigail H. Mingo .....	*Boston Univ., Chandler Sec.....	1918	1900			
	German, Math...	Carl E. Palmer.....	*Augustana College.....	1924	2100			
	Spanish .....	Frederick J. Pope.....	*Colby College.....	1922	2000			
	French, Math.,	Marion T. Pratt.....	*Wellesley College .....	1919	1800			
	Latin .....	Bernice Smith .....	*University of Maine.....	1923	1600			
	Secty to Supt.,	Mildred B. Sussmann .....	*Radcliffe College.....	1919	1800			
	Dean of Girls,	Russell P. Taylor .....	*Bates College .....	1922	2100			
	Mgr. Lunch Rm,	Hermon T. Wheeler .....	Mass. Agricultural College.....	1924	1800			
	Head of Math.	Ida C. Lucas.....	*Worcester Normal.....	1917	1800			
	Dept., Physics	J. Albert Wilson .....	*Harvard College .....	1920	1500			
	Chem., Physics	Adeline Lahaise.....	*Mass. Normal Art.....	1919	1600			
	and Math.....							
	Head of French							
	Dept.....							
	English, Physical							
	Training .....							
	Latin .....							
	Coach, Phys. Tr.,							
	Health .....							
	Agriculture .....							
	Stand., Guidance							
	Music .....							
	Drawing .....							

\* Has taken courses of college grade and graduate work at B. U., Simmons, Harvard, Columbia, or at Normal Schools

SCHOOL	GRADE OR SUBJECT	TEACHER	WHERE EDUCATED	YEAR		AVERAGE MEMBERSHIP	AVERAGE ATTENDANCE	PER CENT. OF ATTENDANCE
				TOTAL	SALARIES			
Highland and Junior High	*Princip'l., Algebra Asst. Prin. Arith French and Geog. English . . . . . Phys. Training Dom. Science . . . Gen. Science . . . Drw. Music, Geo. Manual Training Hist. and Civics English . . . . . Arith., Pen'ship Geo., Music . . . Bus. Pract., Phys. Train., Pen. . . . .	*Raymond W. Blaisdell . . . . . Emma S. Page . . . . . Ramona Boil . . . . Louise Burrage . . . . Dorothy Cary . . . . Elizabeth Chalmers Marion Day . . . . Eleanor F. Emerson Lyman E. Fancy . . . . Lestina M. Goddard Alice E. Hood . . . . Inez H. Lewis . . . . Louise B. Maxwell . . . . Ethel S. Williams . . . .	*Bates College . . . . . *N.H. State Normal . . . . *Mt. Ida School . . . . Tufts College (2 yrs.) . . . . Sargent . . . . *H. S. Practical Arts . . . . Courses at Bates S. S. . . . Salem Normal . . . . *Mass. Nor. A. Gorham Normal . . . . Concord, N.H., Training School . . . . Gorham Normal . . . . Bridgewater Normal . . . . Salem Normal . . . .	1922 1899 1924 1923 1924 1923 1924 1915 1918 1920 1902 1923 1920 1922	2800 1800 1300 1500 1200 1300 1400 1500 1800 1500 1500 1500 1500 1500 1500	31.84 30.44 30.82 33 31.84 30.44 36.11 34.04 44.58 46.31 46.31 44.67 43.28 47.38	90.82 90.82 90.82 90.82 90.82 90.82 95.69 96.26 96.26 96.26 96.26 95.75 95.75 96.11 93.96 93.96 97.38	97.38 97.38 97.38 97.38 97.38 97.38 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40 97.40
Grades	Grade 5 . . . . . Grade 5 . . . . . Grade 6 . . . . . Grade 6 . . . . . Sewing . . . . .	Margaret Whittier . . . . . Matilda J. Gamble . . . . . A. Louise Fogg . . . . . Caroline C. Grace . . . . . Rita Lahaise . . . . .	*Salem Normal . . . . . *High School . . . . . *Colby College (2 yrs.) . . . . *No. Adams Normal . . . . *Boston Trade School . . . .	1916 1920 1920 1919 1921	1400 1400 1400 1400 1500	51 53 53 53 53	50.23 51.56 51.56 50.81 48.72	91.89 91.89 91.89 91.89 91.89
Centre School	Prin. Grade 3 . . . . . Opnport. Room . . . . . Grade 4 . . . . . Grade 4 . . . . . Grade 3 . . . . . Grade 2 . . . . . Grade 3 . . . . .	M. Grace Wakefield . . . . . Grace Nichols . . . . . Helen G. Quinlan . . . . . Vera Buckle . . . . . Glenna Dow . . . . . Alberta Mathieson . . . . . Alberta Mathieson . . . . .	*Salem Normal . . . . . *Wheeler Training . . . . . Salem Normal . . . . . *Boston University . . . . . *High School . . . . . Salem Normal . . . . . Salem Normal . . . . .	1890 1924 1915 1915 1920 1924 1924	1500 1400 1400 1400 1400 1400 1400	47 47 57 53 46 29 22	42.73 42.73 46.19 44.39 42.73 27.96 20.12	94.06 94.06 95.44 92.35 96.26 93.63 94.30
Union St. School	Prin. and Grade 1 . . . . . Grade 1 . . . . . Grade 1 . . . . . Grade 2 . . . . .	Anna P. Reid . . . . . Marion H. Morgan . . . . . Faye M. Taylor . . . . . Ethel J. Bent . . . . .	Reading High . . . . . *Bridgewater Normal . . . . . *Farmington (Me.) Normal . . . . . New Haven Normal . . . . .	1884 1904 1904 1921 1911	1500 1400 1400 1400 1100	50 50 46 46 49	42.17 42.17 36.95 37.35 45.47	93.52 93.63 98.9 98.9 94.74

**TEACHERS IN SERVICE, DEC. 31, 1924, WHERE EDUCATED, YEAR APPOINTED  
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 31, 1924—(CONTINUED)**

Lowell St. School	Prin. and Grade 3	Nellie P. Beaton .....	*Danvers High.....	1920	1500	24	19.25	17.87	55.02
	Grade 4 .....	Nellie P. Beaton.....	Salem Normal.....	1916	1400	22	21.37	20.81	97.32
	Grade 5 .....	Annie W. Quilen.....	.....	.....	.....	21	20.62	98.	.....
	Grade 6 .....	Annie W. Quilen.....	.....	.....	.....	16	15.77	98.	.....
	Grade 2 .....	Barbara Winship .....	*Wheelock Training .....	1919	1400	34	25.37	31.93	33.20
	Grade 1 .....	Winifred Cochran .....	*Plymouth Normal .....	1920	1400	35	31.77	29.88	94.03
	Prin. and Grade 2	Ada E. Dow .....	*High School .....	1909	1500	21	20.23	18.88	91.88
	Grade 3 .....	Ada E. Dow .....	Perry Normal .....	1923	1400	22	21.34	19.29	95.07
	Grade 2 B .....	Ruth L. Lyle .....	.....	.....	.....	36	30.67	28.75	90.39
	Grade 4 .....	Ruth L. Lyle .....	*Wheelock Training .....	1916	1400	11	36.50	8.12	96.63
Chestnut Hill School	Grade 5 .....	Olive S. Perry .....	*Keene Normal .....	1924	1400	37	36.33	34.81	96.81
	Grade 6 .....	Dorothy Mudgett .....	.....	.....	.....	28	27.64	26.12	94.47
	Prin and Grade 1	Isabelle P. Kissock .....	*Dean Academy .....	1911	1500	24	23.30	21.96	94.04
	Grade 2 .....	Isabelle P. Kissock .....	.....	.....	.....	12	9.92	9.42	14.11
	Grade 3 .....	Isabelle P. Kissock .....	.....	.....	.....	11	9.42	8.78	93.20
	Grade 4 .....	Genevieve W. Quinlan .....	Salem Normal .....	1921	1300	16	14.11	13.65	96.73
	Grade 5 .....	Genevieve W. Quinlan .....	.....	.....	.....	20	19.25	17.36	93.29

\* Has taken course of college grade and graduate work at B. U., Simmons, Harvard, Columbia, or at Normal Schools

## BUDGET SCHOOL DEPARTMENT, TOWN OF READING, 1925

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1925 Estimated Appropriation	Expended 1924	Expended 1923	Expended 1922
<b>GENERAL ACCOUNT:—SALARIES</b>			
1. Salaries—Teachers' and Supt.' .....	\$102,635.39	\$ 99,088.58	\$ 93,433.50
2. Janitors' .....	8,078.00	6,609.50	6,056.50
3. Other Salaries .....	.....	.....	.....
Attendance Officer .....	350.00	.....	210.00
Medical Inspector .....	500.00	400.00	400.00
School Nurse .....	1,500.00	1,400.00	1,500.00
Total Salaries .....	<b>\$113,063.69</b>	<b>\$107,498.08</b>	<b>\$101,600.00</b>
3,000.00	2,756.25	1,742.50	1,827.50
200.00	37.15	.....	.....
3,500.00	3,138.98	3,440.14	3,380.43
5,300.00	5,144.12	5,051.62	5,101.20
1,250.00	690.00	1,354.28	871.43
2,200.00			
General Expense:			
Printing and Advertising .....	138.79	210.42	156.50
Office Supplies .....	312.57	252.97	301.72
Telephones .....	410.27	429.69	443.46
Graduation, Miscellaneous .....	172.55	157.37	215.23
Supt.'s Expense .....	14.00	129.64	19.25
Lectures, Public Meetings .....	34.50	15.00	4.00
Insurance .....			
Supervisor's Expense .....	.....	51.00	50.25
	<b>\$ 1,133.68</b>	<b>\$ 1,245.34</b>	<b>\$ 1,130.16</b>

## BUDGET SCHOOL DEPARTMENT (Continued)

8,000.00	10.	Fuel .....		\$ 7,195.67	\$ 8,846.31	\$ 5,688.23
1,000.00	11.	Building Maintenance .....		787.67	1,045.12	745.82
1,500.00		Gas and Electricity .....		1,407.60	688.70	434.85
400.00		Water and Sewer .....		334.87	446.11	266.54
1,400.00		Trucking, etc. .....		1,316.96	1,243.43	1,119.81
		Janitors' Supplies .....				
				\$ 3,847.10	\$ 3,423.36	\$ 2,567.02
12,000.00	12.	Repairs .....				
		Buildings .....		7,159.88	6,279.19	
		Furniture .....		14,524.42	3,297.70	1,284.93
		Grounds .....			291.70	370.50
				\$ 14,524.42	\$ 10,749.28	\$ 7,934.62
39,750.00		TOTAL FOR MAINTENANCE .....		\$ 38,467.37	\$ 35,822.82	\$ 28,499.59
158,772.50		TOTAL EXPENDITURES—General .....		\$151,531.06	\$143,350.90	\$130,099.59
		Receipts not from tax levy:				
		State Reimbursement, Chap. 70, G. L.		11,546.85	16,238.66	
		Tuition, etc. .....		11,935.00		
		Due, but not paid .....		5,989.01		
				1,580.65	2,155.21	5,023.36

**AGRICULTURAL ACCOUNT**

\$ 3,840.00	1. Teachers, Supt.s, and Janitors' Salaries .....	\$ 4,367.75	\$ 4,426.50	\$ 4,362.67
	2. Light, Fuel, Repairs .....	70.76		77.73
	3. Books, Apparatus, Supplies .....	400.42	328.98	620.14
500.00	Paid for Veterans' Books, Supplies .....		670.12	196.13

## Receipts not from tax levy:

State Aid to Individual Schools .....	\$ 1,000.83
Smith-Hughes Fund .....	296.06
Tuition .....	3,055.35
	211.93
Due, but not paid .....	1,391.40
	2,707.43

**INDUSTRIAL TUITION**

\$ 800.00	Tuition paid .....	\$ 675.00	\$ 767.60	\$ 388.05
	Reimbursement from State .....	315.01	176.50	134.68

DETAIL OF EXPENDITURES OF SCHOOL DEPARTMENT FOR YEAR  
ENDING DECEMBER 31, 1924

General Account

Transportation:

Eastern Mass. St. Railway .....	\$ 1,900.00
George H. Adams .....	800.00
Kittie Bangs .....	56.25

\$ 2,756.25

Books:

Allyn and Bacon .....	116.54
American Book Co. ....	188.64
D. Appleton Co. ....	11.18
American Educ. Digest .....	3.00
The Arlo Pub. Co. ....	10.40
The Atlantic Monthly Press .....	2.95
Edward E. Babb & Co. ....	61.82
M. Barrows & Co. ....	43.82
Board of Educ., St. Cloud, Minn. ....	43.50
F. J. Barnard Co. ....	135.05
Milton Bradley Co. ....	30.93
Bruce Pub. Co. ....	5.58
Silver, Burdett & Co. ....	77.91
The Century Co. ....	4.07
The College Blue Books .....	6.00
Thomas Y. Crowell Co. ....	2.93
Oliver Ditson Co. ....	16.58
Dodd, Mead & Co. ....	11.54
Doubleday, Page & Co. ....	4.00
E. P. Dutton Co. ....	2.48
Ginn and Company .....	492.76
The Gregg Writer .....	2.00
Harcourt, Brace & Co. ....	1.80
Harvard Co-operative Society .....	2.71
Harvard Univ. Press .....	10.50
D. C. Heath & Co. ....	179.17
Houghton, Mifflin Co. ....	202.06
Iroquois Pub. Co. ....	2.24
Judge Baker Foundation .....	2.50
Prof. Chas. Kemp .....	4.00
Chas. E. Lauriat Co. ....	68.09
J. B. Lippincott Co. ....	2.00
Little, Brown & Co. ....	72.21
Lyons & Carnahan .....	140.71
W. F. Quarrie & Co. ....	2.70
McKnight & McKnight .....	11.67

The Macmillan Co.	73.88
City of Manchester	37.50
Mass. Tuberculosis League	27.00
Chas. E. Merrill Co.	70.93
Noble & Noble	1.60
Old Corner Book Store	41.75
F. A. Owen Pub. Co.	6.60
Popular Science Monthly	4.10
Public School Publishing Co.	11.00
Rand, McNally & Co.	12.22
The Ronald Press	1.00
The H. M. Rowe Co.	1.55
Ryan & Baker	36.00
Russell Sage Foundation	1.00
Benj. H. Sanborn Co.	27.32
School Arts Magazine	3.00
Scott, Foresman & Co.	156.37
Charles Scribner's Sons Co.	136.96
The Survey	18.75
Emma Smedley	3.00
Ungraded	1.50
The Univ. of Chicago Press	4.32
Univ. Supply & Book Co.	4.57
Vocational Educ. Mag.	3.00
Williams Book Store	27.00
H. W. Wilson Co.	20.00
John C. Winston Co.	275.94
Dr. Thomas D. Wood, Chr.	1.59
World Book Co.	151.19
Yale Univ. Press	2.30
	\$ 3,138.98

**Supplies for Pupils:**

Adams Company	6.52
American Ry. Express Co.	1.16
American Type Founders Co.	33.83
G. H. Atkinson Co.	5.14
Edw. V. Atwood	1.00
Edw. E. Babb & Co.	549.45
Wendell Baneroff & Co.	42.32
Milton Bradley Co.	317.57
J. Breck & Sons	6.60
Cambridge Botanical Supply Co.	8.91
Central Scientific Co.	55.71
Clapp & Leach	11.10
College Ent. Exam. Board	.25
C. L. Demming	1.65
Denoyer-Geppert Co.	85.23

Oliver Ditson Co.	13.44
Andrew Dutton Co.	20.85
Esterbrook Pen Mfg. Co.	23.46
A. Flanagan Co.	10.55
Francis Bros.	98.69
Ginn and Co.	249.76
Gregg Pub. Co.	12.14
J. L. Hammett Co.	1,521.87
Hodsdon Bros.	3.95
Horace Partridge Co.	13.30
Harris & Gilpatric	263.70
George E. Horrocks	.35
Howe & French, Inc.	134.51
Iroquois Pub. Co.	.54
Jordan, Marsh Co.	39.00
Kenney Bros. & Wolkins	60.46
L. E. Knott Apparatus Co.	13.55
Rita Lahaise	.70
Library Bureau	340.75
H. B. McArdle	277.87
McIntosh Pub. Co.	50.45
McKnight & McKnight	70.89
Jennie Mackie	1.95
E. F. Mahady	7.95
Marine Biological Lab.	25.00
H. M. Meserve Co.	33.00
D. O. Miller	7.30
National Case & Carton Co.	10.00
Neostyle Sales Agency	7.99
New England Scale Co., Inc.	24.76
Parker & Page Co.	56.55
Peerless Supply Co.	110.00
The Plymouth Press	4.20
Pub. School Pub. Co.	42.81
Reading Citizens' Ice Co.	.90
Reading Custom Laundry	12.67
Reliance Ribbon & Carbon Co.	9.00
Ryan & Buker	194.87
The Song Shop	1.15
Scott, Foresman & Co.	1.80
Chas. N. Smart	6.06
Fred F. Smith	1.20
L. T. Tarpin	1.71
W. E. and J. F. Twombly	24.00
Underwood Typewriter Co.	1.20
I. VanBuskirk	5.75
F. Wallace	3.25

Wensell & Co. ....	11.00
R. H. White & Co. ....	9.45
W. H. Willis ....	10.57
A. J. Wilkinson & Co. ....	17.04
John C. Winston Co. ....	67.17
World Book Co. ....	186.60

\$ 5,144.12

#### Apparatus for Teaching:

Remington Typewriter Co. ....	120.00
Royal Typewriter Co. ....	570.00

\$ 690.00

#### General Expense:

##### (Printing and Advertising)

W. E. & J. F. Twombly ....	138.79	\$ 138.79
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##### (Office Supplies)

Bruce Publishing Co. ....	3.00
Clement Gleason ....	4.00
Journal of Education ....	3.00
Library Bureau ....	12.46
H. B. McArdle ....	37.55
Mun. Light Board ....	21.15
The Nat. Com. for Mental Hygiene ....	3.00
New Eng. Ass'n of College and Secon. Schs.	2.00
The Office Appliance Co. ....	11.10
H. A. Shepard Co. ....	6.47
The Survey ....	5.00
W. E. & J. F. Twombly ....	124.78
World Books Co. ....	5.00
Webster Pub. Co. ....	2.85
Wensell & Co. ....	16.50
The H. W. Wilson Co. ....	7.00
Wright & Potter Printing Co. ....	4.09
Univ. of Chicago Press ....	2.50
United States Post Office ....	41.12

\$ 312.57

##### (Telephones)

N. E. Tel. & Tel. Co. ....	410.27	\$ 410.27
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##### (Graduation)

Adams Co. ....	7.00
Jewell & Andrews ....	65.30
William H. Manning ....	6.00
Henry F. Miller ....	10.06
William Pierpont ....	3.00
No. Wilmington Nurseries ....	5.00
W. E. & J. F. Twombly ....	42.25
Mary U. Yaffee ....	34.00

\$ 172.55

## (Supervisors' Expense)

M. M. Brown .....	24.65
H. M. Meserve .....	.25
Abigail H. Mingo .....	2.50
Frederick J. Pope .....	.70
Ward's .....	2.10
Fannie C. Whittemore.....	20.80
	----- \$ 51.00

## (Supt.'s Expense)

Nat. Educ. Ass'n Dept. of Supt. .....	5.00
New England Voc. Guidance Ass'n .....	2.00
Progressive Educ. Ass'n .....	2.00
The Science Press .....	5.00
	----- \$ 14.00

## (Lectures, Public Meetings, etc.)

Mass. Forestry Ass'n .....	20.00
George P. Raymond Co. .....	14.50
	----- \$ 34.50

**Fuel:**

Fred W. Nelson .....	48.00
Mun. Light Board .....	345.94
P. N. Sweetser .....	6,783.73
O. P. Symonds .....	18.00
	----- \$ 7,195.67

**Building Maintenance:**

## (Gas and Electricity)

Malden & Melrose Gas Light Co. .....	186.22
Municipal Light Board .....	601.45
	----- \$ 787.67

## (Water and Sewer)

Reading Board of Public Works .....	1,407.60	\$ 1,407.60
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## (Trucking, etc.)

American Railway Express Co. .....	13.58
Cummings Express Co. .....	138.23
William Kelch .....	5.00
Percy N. Sweetser .....	25.50
Zanni & Co. .....	152.56
	----- \$ 334.87

## (Janitors' Supplies)

Andrews Paper Co. .....	95.00
G. H. Atkinson Co. .....	13.13
Edw. E. Babb & Co. .....	44.22
Milton, Bradley Co. .....	24.00
Frank Butters .....	1.50
M. F. Charles .....	5.25
H. I. Dallman .....	386.03
Devoe & Raynolds Co. .....	45.00

C. B. Dolge Co.	71.40
Francis Bros.	70.49
Hercules Kalon Co.	12.50
Norman C. Hayner Co.	162.31
Hodson Brothers	30.07
Frank J. Jameson	38.08
Masury-Young Co.	91.25
Ryan & Bunker	67.55
Stone & Forsyth Co.	118.22
F. F. Smith	17.50
Underhay Oil Co.	16.35
F. Wallace	1.65
Brooks White, Treas.	5.46
	\$ 1,316.96

**Repairs:**

(Buildings, Furniture, Grounds)

Allen Shade Holder Co.	175.70
American Type Founders Co.	3.21
O. W. Austin	3.00
Wendell Bancroft Co.	13.39
Boston Metal Ceiling Co.	484.00
Board of Public Works, Water Dept.	13.25
W. A. Burns	58.25
M. F. Charles	2.00
Clapp & Leach	334.18
Henry N. Clarke Co.	11.68
Winifred Cochrane	1.75
F. M. Crosby	91.00
E. B. Currell & Son	.79
Mathew Devaney	142.00
John Farquhar's Sons, Inc.	2,152.19
T. C. Fife	2,669.38
Francis Bros.	48.08
C. E. Gay	4.00
R. H. Harris	15.00
Heywood-Wakefield Co.	662.65
Edgar Hinton	30.00
Hodson Brothers	1,256.20
R. H. Jackson	38.20
H. B. McArdle	57.00
C. M. MacDougall	10.50
Jones, McDuffee & Stratton	28.55
J. M. Maxwell, Jr., & Son	636.73
B. J. Leathers	23.50
George W. Marshall	1.50
Robert Merritt	2.00
J. A. Murphy	17.50

R. Newhall .....	.80
Pettingell-Andrews Co. ....	15.11
Dana F. Perkins .....	104.00
Reading Greenhouses and Nurseries .....	6.99
Waldo Reid .....	1.05
P. J. Seaman .....	3.25
A. Simpson .....	1.00
Fred F. Smith .....	4.15
The Song Shop .....	.75
Standard Elec. Time Co. ....	5.00
Stewart & Robertson .....	1,708.61
Harry D. Stokes .....	922.00
Percy N. Sweetser .....	2,751.60
Wales Adding Mech. Co. ....	6.77
A. J. Wilkinson & Co. ....	2.16
W. H. Willis .....	4.00
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	\$14,524.42

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**AGRICULTURAL ACCOUNT**
**Books and Supplies:**

Allen Shade Holder Co. ....	91.97
Allyn and Bacon .....	3.08
Joseph Breck & Sons .....	6.47
Bruce Pub. Co. ....	3.00
Central Scientific Co. ....	3.55
M. F. Charles .....	3.10
Cong. Pub. Society .....	1.75
Oliver Ditson Co. ....	1.26
Doubleday, Page & Co. ....	3.00
Francis Bros. ....	2.43
Ginn and Company .....	26.73
Harper Bros. ....	2.61
Hill, Smith & Co. ....	6.15
Hoard's Dairyman .....	2.00
Hodson Brothers .....	31.78
Houghton, Mifflin Co. ....	79.00
Jewell & Andrews .....	16.50
Charles E. Lauriat Co. ....	7.25
J. B. Lippincott Co. ....	2.00
The Macmillan Co. ....	61.05
Market Growers' Journal .....	1.50
Mun. Light Board .....	70.76
The Old Corner Book Store .....	2.25
Rand, McNally & Co. ....	1.88
Orange, Judd Pub. Co. ....	3.95
Reading Greenhouses & Nurseries .....	4.70

Rural Pub. Co. ....	1.00
Fred F. Smith .....	1.60
The Survey .....	5.00
Univ. of Chicago .....	2.50
John Wiley & Sons. Inc. ....	4.60
A. J. Wilkinson & Co. ....	4.16
H. W. Wilson Co. ....	6.00
Wright & Zeigler Co. ....	4.95
World Book Co. ....	1.65
	-----
	\$ 471.18

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INDUSTRIAL TUITION ACCOUNT

**Tuition Paid:**

City of Boston .....	312.76
City of Somerville .....	266.62
Wakefield School Dept. ....	96.50
	-----
	\$ 675.88



READING HIGH SCHOOL CLASS DAY EXERCISES  
 CLASS OF 1924

---

Reading High School Hall

Monday afternoon, June twenty-third, at three o'clock

---

Class Officers

GUY MacKAY CROSBY	President
HAZEL CROCKER KILLAM	Vice-President
LOUIS OGDEN RANDALL	Secretary
BROOKS CARTER WHITE	Treasurer

---

Class Day Committee

GUK MacKAY CROSBY, Ch.	DORIS MAE TEMPLE
BROOKS CARTER WHITE	GEORGE JOSEPH ENGLISH
HAZEL CROCKER KILLAM	

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Class Motto

"FACTA NON VERBA—DEEDS NOT WORDS"

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PROGRAM

March	High School Orchestra
Address of Welcome and Presentation of Class Gift	Guy MacKay Crosby
Class History	Solomon Horwitz
Chorus—The Call of Duty	Hadley
Class Prophecy	George J. English, Norman McClintock
Chorus—Forest Dance	Taggart
Class Elections	Randall W. Weeks
Class Will	Heloise W. Playdon
Class Song	Marjorie P. Berle
After the singing of the class song the audience is requested to adjourn to the grounds	
Ivy Oration	Guy MacKay Crosby, President of Senior Class
Acceptance of the Spade	Robert M. Merritt, President of Junior Class

READING HIGH SCHOOL COMMENCEMENT EXERCISES  
CLASS OF 1924

---

High School Hall  
Tuesday Evening, June twenty-fourth  
at seven forty-five o'clock

---

PROGRAM

Salutation

BLACK DIAMOND OVERTURE	R. Gruenwald
High School Orchestra	
MARCH	Rollinson
High School Orchestra	
PRAYER by Rev. Wesley G. Huber	
CALL OF DUTY	Hadley
Chorus	
Salutatory	
CLIMBING	
Richard P. Dow	
THE HOME, THE SCHOOL AND EDUCATION	
Robert M. Barclay	
FOLK SONGS OF AMERICA	
Esther Millett	
FOREST DANCE	Taggert
Chorus	
Valedictory	
MORAL AND RELIGIOUS TRAINING IN THE PUBLIC SCHOOLS	
Marjorie P. Berle	
CONFERRING OF DIPLOMAS	
Walter S. Parker, Chairman of School Committee	
BENEDICTION	
By Rev. Marion Franklin Ham	
MARCH—Defend America	Hadley
Director of Music—J. Albert Wilson	
Faculty Honor—Myer Linsky (Excused from Essay)	

## CLASS OF 1924

**Agricultural**

Bent, C. Raymond  
 Black, C. Leman  
 Elwell, Richard L.

Riessle, Roland R.  
 Worthern, Donald E.

**College**

Atwood, Ralph F.  
 Allard, Dorothy A.  
 Allard, Helen J.  
 Baker, Harold M.  
 Barclay, Robert M.  
 Berle, Marjorie P.  
 Bruce, George H., Jr.  
 Crosby, Guy M.  
 Davis, Donald G.  
 Dow, Richard P.  
 Eisenhaure, Emily  
 Hodson, Carlton A.  
 Horwitz, Solomon  
 Lewis, John B.  
 Lynsky, Myer

Millett, Esther  
 Milton, Henry C.  
 Morrison, Kenneth O.  
 Mussells, Sylvia F.  
 Nodding, Phyllis  
 Pettengill, Catherine  
 Porch, Doreas D.  
 Riseman, Benjamin  
 Savage, Thomas W.  
 Ward, Helen F.  
 Weeks, Randall W.  
 White, Brooks C.  
 Whitehouse, Robert N.  
 Winslow, Ruth M.

**Commercial**

Blaisdell, Phyllis  
 Burditt, Ethel F.  
 Conti, Ralph A.  
 Cronin, Harold J.  
 Curtis, Edward G.  
 Emerson, Arthur W.  
 English, George J.  
 Fowler, Walter M.  
 Galvin, James J.  
 Helrich, Svea E.

Killam, Hazel C.  
 Legro, Mildred E.  
 McBride, Richard E.  
 McKenney, Charles J.  
 Newhouse, Gladys M.  
 Parker, Prudence  
 Playdon, Heloise W.  
 Rich, Marion M.  
 Sullivan, Charles H.  
 Wall, Helen E.

**General**

Babine, Richard H.  
 Bangs, Winifred J.  
 Bedley, Freeman A.  
 Brown, Ruth W.  
 Buckle, Marjorie H.  
 Carleton, Philip P., Jr.  
 Copeland, Rollins E.  
 Dewey, Alden B.  
 Felton, Edward N.  
 Gaw, Jennie L.  
 Gratton, Norman E.  
 Harriman, Jonathan

Jones, Leon R.  
 Kenney, Roger A.  
 Killam, Gregory A.  
 MacInnis, Norman P.  
 Marchetti, Ellen M.  
 Middleton, John J.  
 Pike, Elizabeth L.  
 Sherry, Dorothy W.  
 Temple, Doris M.  
 Upton, Francella H.  
 Weale, Kenneth M.  
 White, Helen M.

**Normal**

Burrage, Ruth  
 Hazelton, Ruth E.  
 Hodson, Doris M.

Hoey, Helen F.  
 Quinlan, Catherine A.  
 Randall, Louie O.

**Scientific**

Eeles, Charles C.

McClintock, Norman L.

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**PUPILS GRADUATED FROM JUNIOR HIGH SCHOOL, JUNE, 1924**

Ainsworth, Naida	Lassell, Sidney
Armstead, James	Lefave, Adele
Babine, Dorothy	Lewis, Mary
Barnes, Dorothy	Levine, Louis
Birnie, Iris	Lindsay, Margaret
Black, Grace	Linquist, Edith
Blood, Miriam	Livingstone, Kenneth
Boyle, Harold	Long, Sara
Brennan, Mary	Lovering, Eleanor
Bronson, Eugene	MacDonald, Clifton
Brown, Doris	MacDonald, Joshua
Burnes, Norman	Melonson, Esther
Cail, Max	Mansfield, Isabelle
Canty, Francis	Marchetti, Emma
Chase, Dorothy	McClintock, Thelma
Cheney, Lois	Miles, Anna
Colley, Orrin	Mooney, Joseph
Condry, James	Morrison, Kenneth
Crafts, Eleanor	Morrow, Gladys
Day, William	Morton, Whitman
Davis, Dorothea	Moyer, Arthur
Delong, Lyle	Mussells, Albert
Desmond, Agnes	Munnis, Warren
Dickinson, Herbert	Murphy, Florence
Dill, Helen	Nash, Florence
Dimock, Ruth	Nichols, Kenneth
Doherty, Katherine	Nodding, Virginia
Doiron, Arthur	O'Brien, Alberta
Dukelow, Charles	Palmer, John
Edwards, Marion	Parker, Bernice
Ellis, Francis	Parker, Isabelle
Esterbrook, Florence	Parker, Boyd
Fernold, Anthony	Parsons, Frederick
Field, Ruth	Philbrook, Perry
Flaherty, Mary	Pomfret, Richard

- Flanders, Harriett  
Fleming, James  
Folley, Frank  
Foote, Albert  
Gadbois, Anna  
Gallant, Frances  
Gallant, John  
Gleason, Doris  
Gray, Donald  
Gray, Phyllis  
Green, Thomas  
Halligan, Edward  
Haines, John  
Harding, Virginia  
Harnden, Sarah  
Henchey, Harold  
Henchey, Kenneth  
Heselton, Frank  
Hickey, Elizabeth  
Hickey, Roger  
Hickman, May  
Hickman, Ruth  
Hodges, Helen  
Hedson, Alice  
Holmes, Evelyn  
Holt, Kimball  
Howard, Frank  
Jarvis, Louise  
Jones, Carrie May  
Kehl, Raye  
Kenney, Edward  
Kimball, Alfred  
Kimball, Warren  
King, Herbert  
Pratt, Ethel  
Remick, Evelyn  
Riley, George  
Rogers, Gladys  
Ruggles, Elaine  
Ryland, Mary  
Sears, Beatrice  
Sias, Beulah  
Sias, Edward  
Sias, Wilbur  
Shannor, John  
Smith, Marjorie  
Smith, Roger  
Spanella, George  
Soule, Gilbert  
Staecker, Alfred  
Stevens, Marion  
Stevens, Ruth  
Stokes, Jennie  
Sullivan, George  
Sweetser, Charles  
Tebachnick, Isaac  
Tlxter, Faith  
VanHorn, Verna  
Wait, Robert  
Ware, Lucille  
Weeks, Malcolm  
Wendell, Stephen  
White, Florence  
White, Margaret  
Whitehouse, Grace  
Williams, Anna  
Williams, James  
Wilson, Irene  
Yunghans, Elizabeth

TEACHERS IN SERVICE, DEC. 31, 1924, WHERE EDUCATED, YEAR APPOINTED  
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 31, 1924

SCHOOL	GRADE OR SUBJECT	NAME OF TEACHER	WHERE EDUCATED	YEAR APPOINTED	SALARY	TOTAL ENROLLMENT	AVERAGE MEMBERSHIP	PER CENT. OF ATTENDANCE
High School	Principal.....	Rudolf Sussmann .....	*Conn. & Mass. Agr. Colleges.....	1917	\$3000	629	608	91.6
	Head Eng. Dept.	Helen R. Abbott .....	*Mt. Holyoke College.....	1915	1900			
	Phys'l Training,	Mona L. Ames .....	*St. Lawrence University .....	1921	1300			
	Biology, Health	Elizabeth A. Batchelder .....	*Salem Normal.....	1916	1800			
	Com. Eng., Busi-	Carl W. Belmore .....	Bates College .....	1921	2100			
	ness Practice.	Alfred Boehm .....	*Trade School, Germany. ....	1920	2000			
	History, English	E. Frances Greenhalgh .....	Gorham Normal (B. U. 2 yrs.) ..	1924	1300			
	Manual Training,	Lillian Jeffs .....	*Bay Path Institute.....	1924	1600			
	Mech. Dr. ....	Alberta F. Drury .....	*Salem and Posse Normal. ....	1917	1800			
	English .....	Elvira A. Buckley .....	*Williamantic Nor., Bay Path Inst.	1914	1800			
	Sten. and Type.	Luuke Halpin .....	Bowdoin College .....	1922	2100			
	Bookkeeping and	Helen G. Kershaw .....	*St. Lawrence University .....	1917	1800			
	Penmanship....	Abigail H. Mingo .....	*Radcliffe College.....	1919	1800			
	Sten. and Type.	Carl E. Palmer .....	*Boston Univ., Chandler Sec....	1918	1900			
	German, Math...	Frederick J. Pope .....	*Augustana College.....	1924	2100			
	Spanish .....	Marion T. Pratt .....	*Colby College.....	1922	2000			
	French, Math..	Bernice Smith .....	*Wellesley College .....	1919	1800			
	Latin .....	Mildred B. Sussmann .....	*University of Maine.....	1923	1600			
	Sec'y to Supt.,	Russell P. Taylor .....	*Radcliffe College.....	1919	1800			
	Dean of Girls,	Hermon T. Wheeler .....	*Bates College.....	1922	2100			
	Mgr. Lunch Rm	Ida C. Lucas .....	Mass. Agricultural College.....	1924	1800			
	Head of Math.	J. Albert Wilson .....	*Worcester Normal .....	1917	1800			
	Dept., Physics	Aldine Launise.....	*Harvard College .....	1920	1500			
	Chem., Physics		*Mass. Normal Art.....	1919	1600			
	and Math.....							
	Head of French							
	Dept. ....							
	English, Physic'l							
	Training .....							
	Latin .....							
	Coach, Phys. Tr..							
	Health .....							
	Agriculture .....							
	Stand., Guidance							
	Music.....							
	Drawing .....							

\* Has taken courses of college grade and graduate work at B. U., Simmons, Harvard, Columbia, or at Normal Schools

Thirtieth Annual Report

OF THE

Electric Light Commissioners

For the Year Ending December 31

1924

OFFICERS OF THE ELECTRIC LIGHT AND POWER  
DEPARTMENT

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**Commissioners**

WILLIAM G. LONG, Chairman ..... Term expires 1926  
HERBERT G. EVANS, Secretary ..... Term expires 1927  
HARRY P. BAKER ..... Term expires 1925

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**Manager**

ARTHUR G. SIAS

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**Office**

MUNICIPAL BUILDING

## MANAGER'S REPORT

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To the Municipal Light Board:—

Gentlemen:—I respectfully submit herewith my report of the operations of the Municipal Light Plant for the year ending December 31, 1924.

The financial report is in the form prescribed by the Department of Public Utilities, and is followed by my comments on the year's business, the present condition of the plant, certain statistical data which may be of interest, my estimate of the expenses and income for 1925, and certain recommendations.

### Electric Operating Revenues

Metered Sales to Private Consumers:

Lighting .....	\$ 96,605.81
Power .....	34,663.17
Cooking and Heating .....	16,491.78
	————— \$147,760.76

Flat Rate Sales to Private Consumers:

Private Street Lights .....	370.80
-----------------------------	--------

Municipal Revenues:

Street Lighting—Reading .....	\$ 12,000.00
Street Lighting—Lynnfield Ctre .....	1,753.83
Street Lighting—North Reading .....	3,722.85
Street Lighting—Wilmington .....	7,408.90
Municipal Lighting—Reading .....	1,796.97
Municipal Power—Reading .....	2,858.20
Power sold to Wakefield .....	88.22
Power sold to Lowell Elec. Lt. Corp. .....	128.63
	————— \$ 29,757.60

<b>Total Revenue from Sales of Electric Energy</b>	<b>\$177,889.16</b>
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Rent from Property Used in Operation:

Rental of Pole Lines .....	455.73
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<b>Total Electric Operating Revenues .....</b>	<b>\$178,344.89</b>
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### OPERATING EXPENSES—ELECTRIC Production

Operation:

Superintendence and Labor .....	\$ 19,679.23
Boiler Fuel .....	34,984.32

Water for Steam .....	353.93
Lubricants .....	212.41
Station Supplies and Expenses .....	844.90
	<hr/>

\$ 56,074.79

**Maintenance:**

Maintenance of Station Structures .....	\$ 201.36
Maintenance of Boiler Plant Equipment ....	3,876.34
Maintenance of Turbo Generator Units ....	269.99
Maintenance of Electric Generating Equip. ...	751.34
Maintenance of Accessory Electric Equip. ...	112.81
Maintenance of Misc. Power Plant Equip. .	---
	<hr/>

\$ 5,211.84

Electric Energy Purchased .....

**Total Production Expenses** .....

\$ 61,286.63

**Transmission, Distribution and Storage****Operation:**

Operation of Transmission and Distribution Lines .....	\$ 5,971.90
Transmission and Distribution Supplies and Expenses .....	259.56
Inspecting and Testing Meters .....	1,000.45
Removing and Resetting Meters .....	672.47
Removing and Resetting Transformers ....	496.93
	<hr/>

\$ 8,401.31

**Maintenance:**

Maintenance of Transmission and Distribution Lines .....	\$ 12,347.80
Maintenance of Consumers Meters .....	165.18
Maintenance of Transformers .....	1,166.62
	<hr/>

\$ 13,679.60

**Total Transmission, Distribution and Storage Expense** .....

\$ 22,080.91

**Utilization****Operation:**

Municipal Street Lamps—Labor .....	\$ 857.50
Municipal Street Lamps—Supplies & Expense	1,581.75
	<hr/>

\$ 2,439.25

**Maintenance:**

Maintenance of Municipal Street Lamps ....	\$ 622.25
Maintenance of Commercial Lighting Equip.	---
Maintenance of Consumers' Installations ..	755.87
	<hr/>

\$ 1,378.12

**Total Utilization Expenses** .....

\$ 3,817.37

**Commercial**

Commercial Salaries .....	\$ 7,684.23
Commercial Supplies and Expenses .....	1,889.95
<b>Total Commercial Expenses .....</b>	<b>\$ 9,574.18</b>

**New Business**

New Business Salaries .....	\$ 1,609.84
New Business Supplies and Expenses .....	4.94
Advertising .....	714.68
Wiring and Appliances .....	—
<b>Total New Business Expenses .....</b>	<b>\$ 2,329.46</b>

**General and Miscellaneous**

Salaries of Municipal Light Board .....	\$ 56.25
Salary of Manager .....	3,597.08
Salaries of General Office Clerks .....	2,925.83
General Office Supplies and Expenses .....	1,096.01
Law Expense—General .....	—
Insurance .....	4,591.50
Accidents and Damages .....	14.15
Store Expenses .....	460.59
Transportation Expenses .....	1,614.27
Inventory Adjustments .....	2,907.15
Depreciation .....	20,136.30
Miscellaneous General Expenses .....	1,651.44
<b>Total General and Miscellaneous Expenses .....</b>	<b>\$ 39,050.57</b>

**Grand Total Operating Expenses .....** \$138,139.12

**Income Statement for the Year****Operating Income:**

Operating Revenues .....	\$178,344.89
Operating Expenses .....	138,139.12
<b>Net Operating Revenue .....</b>	<b>\$ 40,205.77</b>
Uncollectible Operating Revenues .....	\$ 1,123.18
Taxes Assignable to Electric Operations ....	510.13
<b>Net Operating Income .....</b>	<b>\$ 38,572.46</b>

**Non-Operating Income:**

Merchandise and Jobbing Revenue .....	\$ 917.99
<b>Total Non-Operating Income .....</b>	<b>\$ 917.99</b>
<b>Gross Income .....</b>	<b>\$ 39,490.45</b>

## Deductions from Gross Income:

Interest on Bonds and Notes .....	\$ 6,174.57
<b>Total Deductions from Gross Income .....</b>	<b>\$ 6,174.57</b>

Income Balance trans. to Profit and Loss \$ 33,315.88

**Profit and Loss Statement**

Credit Balance at Beginning of Fiscal Period ..	\$ 20,510.45
Credit Balance Transferred from Income Acct.	33,315.88
Other Deductions from Surplus (Bonds and Notes Paid) .....	\$ 15,800.00
Balance carried forward to Balance Sheet ....	38,026.33
<b>Total .....</b>	<b>\$ 53,826.33</b>
	<b>\$ 53,826.33</b>

**COMPARATIVE GENERAL BALANCE SHEET****ASSETS****Investments**

Balance at beginning of year		Balance at close of year	Net change
\$353,790.39	Plant Investment	\$357,818.09	\$ 4,027.70
5,137.00	General Equipment	5,380.75	243.75
<b>\$358,927.39</b>	<b>Total Investments</b>	<b>\$363,198.84</b>	<b>\$ 4,271.45</b>

**Current Assets**

\$ 999.50	Cash	\$ 2,236.21	\$ 1,236.71
963.87	Special Deposits	1,507.10	543.23
21,918.28	Accounts Receivable	24,548.19	2,629.91
31,917.11	Materials and Supplies	41,440.54	9,523.43
<b>\$ 55,798.76</b>	<b>Total Current Assets</b>	<b>\$ 69,732.04</b>	<b>\$ 13,933.28</b>

**Prepaid Accounts**

\$ 3,472.41	Prepaid Insurance	\$ 1,688.22	\$ 1,784.19
<b>\$ 3,472.41</b>	<b>Total Prepaid Accounts</b>	<b>\$ 1,688.22</b>	<b>\$ 1,784.19</b>
<b>\$418,198.56</b>	<b>Grand Total</b>	<b>\$434,619.10</b>	<b>\$ 16,420.54</b>

**COMPARATIVE GENERAL BALANCE SHEET**  
**LIABILITIES**

Balance at beginning of year	.	Balance at close of year	Net change
<b>Appropriations</b>			
\$ 30,678.26	Appropriations for Construction	\$ 30,678.26	
<b>Bonds and Notes Payable</b>			
\$119,000.00	Bonds	\$107,500.00	\$ 11,500.00
22,100.00	Notes Payable	17,800.00	4,300.00
<hr/>		<hr/>	<hr/>
\$141,100.00	Total Bonds and Notes Payable	\$125,300.00	\$ 15,800.00
<b>Current Liabilities</b>			
\$ 17,936.41	Accounts Payable	\$ 15,811.52	\$ 2,124.89
963.07	Consumers' Deposits	1,507.10	544.03
<hr/>		<hr/>	<hr/>
\$ 18,899.48	Total Current Liabilities	\$ 17,318.62	\$ 1,580.86
<b>Accrued Liabilities</b>			
\$ 1,510.37	Interest Accrued	\$ 1,341.94	\$ 168.43
700.00	Other Accrued Liabilities—Insurance	1,353.95	653.95
<hr/>		<hr/>	<hr/>
\$ 2,210.37	Total Accrued Liabilities	\$ 2,695.89	\$ 485.52
<b>Appropriated Surplus</b>			
\$204,800.00	Loans Repayment	\$220,600.00	\$ 15,800.00
<hr/>		<hr/>	<hr/>
\$204,800.00	Total Appropriated Surplus	\$220,600.00	\$ 15,800.00
<b>Profit and Loss</b>			
\$ 20,510.45	Profit and Loss—Balancee	\$ 38,026.33	\$ 17,515.88
<hr/>		<hr/>	<hr/>
\$418,198.56	Grand Total	\$434,619.10	\$ 16,420.54

**PLANT INVESTMENT ACCOUNTS—ELECTRIC**

Plant Investment	Balance at beginning of year	Additions during year	Depreciation, other credits during year	Balance at close of year
Land	\$ 2,575.80			\$ 2,575.80
Structures	20,669.29	\$ 228.77		20,898.96
Boiler Plant Equipment	39,484.36		2,569.06	36,915.30
Prime Movers & Auxiliaries	19,016.50		1,140.99	17,875.51
Turbo Generator Units	29,654.80		1,779.29	27,875.51
Electric Plant—Steam	20,181.46	678.10	1,210.89	19,648.67

## Poles, Fixtures and Overhead

Conductors	141,906.57	14,192.94	8,514.39	147,585.12
Consumers' Meters	31,581.91	3,874.21	1,263.27	34,192.85
Consumers' Meter Installation				4,333.12
Line Transformers	29,729.86	3,710.20	1,337.84	32,102.22
Transformer Installation	3,459.34	90.00	207.56	3,341.78
Street Lighting Equipment	11,465.48	1,077.78	2,069.11	10,474.15
<b>Total Plant Investment</b>	<b>\$353,790.39</b>	<b>\$24,364.00</b>	<b>\$20,336.30</b>	<b>\$357,818.09</b>

## General Equipment

Office Equipment	\$ 2,387.00	\$ 518.75	\$ 2,905.75
Transportation Equipment	2,750.00	854.00	1,129.00
<b>Total General Equipment</b>	<b>\$ 5,137.00</b>	<b>\$ 1,372.75</b>	<b>\$ 1,129.00</b>
<b>Total Cost of All Property</b>	<b>\$358,927.39</b>	<b>\$25,736.75</b>	<b>\$21,465.30</b>
			<b>\$363,198.84</b>

## TOTAL COST OF PLANT

Cost of Land .....	\$ 2,575.80
Cost of Structures .....	27,527.71
	<b>\$ 30,103.51</b>

## Generating Plant—Steam:

Cost of Boiler Plant Equipment .....	\$ 63,427.53
Cost of Prime Movers and Auxiliaries .....	29,013.38
Cost of Turbo-Generator Units .....	46,870.83
Cost of Electric Plant—Steam .....	31,102.43
	<b>\$170,411.17</b>

## Transmission, Distribution and Storage:

Cost of Poles, Fixtures and Overhead Conductors .....	\$206,988.30
Cost of Consumers' Meters .....	46,704.79
Cost of Consumers' Meter Installation .....	5,897.56
Cost of Line Transformers .....	44,261.85
Cost of Transformers Installation .....	4,819.40
	<b>\$308,671.90</b>

## Utilization Equipment:

Cost of Street Lighting Equipment .....	\$ 20,957.70	\$ 20,957.70

Total Cost of Electric Plant as shown by the books \$530,147.28

**CASH BALANCES AT CLOSE OF YEAR**

Construction Fund .....	\$ 2,236.21
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**Depreciation Fund Account****DEBITS**

Balance of account at beginning of year:

Amount transferred from income .....	\$ 20,136.30
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Total .....	\$ 20,136.30
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**CREDITS**

Amount expended for construction purposes .....	\$ 20,136.30
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Balance on hand at close of year	_____
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**Materials and Supplies**

Coal .....	\$ 8,158.13
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Oil .....	92.66
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Electrical Appliances .....	12,237.23
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Miscellaneous Materials and Supplies .....	20,952.47
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Total .....	\$ 41,440.54
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**Construction Fund****DEBIT**

Balance at beginning of year .....	\$ 999.50
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Transferred from Depreciation Fund .....	20,136.30
--	-----------

Construction sold during year .....	3,642.39
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Adjustments .....	48.34
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Transferred from Operating Fund .....	5,264.41
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Total Debits .....	\$ 30,090.94
--------------------	--------------

**CREDIT**

Amount Expended for Additions and Extensions	\$ 27,854.73
--	--------------

Balance at end of year .....	2,236.21
------------------------------	----------

Total Credits .....	\$ 30,090.94
---------------------	--------------

**Operation Fund****DEBIT**

Balance at beginning of year .....	.....
------------------------------------	-------

Received from Sale of Electricity .....	\$164,130.90
---	--------------

Received from Appropriation for Street Lights	12,000.00
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Received from Miscellaneous Items .....	32,569.49
---	-----------

Total Debits .....	\$208,700.39
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## CREDIT

Expenditures for Operating Accounts .....	\$161,156.68
Bonds Paid .....	11,500.00
Notes Paid .....	4,300.00
Interest Paid .....	6,343.00
Amount Transferred to Depreciation Fund .....	20,136.30
Amount Transferred to Construction Fund .....	5,264.41
<b>Total Credits .....</b>	<b>\$208,700.39</b>

The past year's business has shown a very gratifying increase over the previous year. The increase in kilowatt hours generated was 532,911, which is 17.5% more than last year. The increase in kilowatt hours sold was 440,595, which is an increase of 19.7%. The kilowatt hours unaccounted for was 14.25% as compared with 15.3% last year. The increase in kilowatt hours sold for the various classes of service was as follows:

Lighting	17.2%
Power	15.5%
Cooking and Heating	37.2%
Street Lighting	11.1%

The percentage of increase in kilowatt hours sold in the several towns was:

Reading	18.7%
Lynnfield Ctre	3.5%
North Reading	25.7%
Wilmington	27.5%

The income from sales of current shows an increase of 6.6%, the increase in each town being as follows:

Reading	5.1%
North Reading	11.3%
Wilmington	11.5%

The income from Lynnfield Centre was only about \$78.00 more than last year.

The operating expenses increased about 6% as compared with an increase in current sold of 17.5%. The manufacturing cost per kilowatt hour generated was 1.695 cents, which is the lowest cost since 1911. It is 17.5% less than last year and is partly due to the lower cost of fuel.

The average total cost per kilowatt hour was 5.15 cents as compared with 6.15 cents in 1923, and 8.4 cents in 1922. It was 16.2% less than in 1923 and 35.9% less than in 1922, and is the lowest cost ever shown by the plant.

New customers have been added during the year as follows: Reading 203, Lynnfield Centre 31, North Reading 68, and Wilmington 97, making a total gain of 399.

The number of customers using the different classes of service in the several towns is as follows:

			Cooking &	
	Lighting	Power	Heating	Total
Reading	2,147	62	240	2,449
Lynnfield Centre	254	16	23	293
North Reading	372	11	49	432
Wilmington	783	24	77	884
	—	—	—	—
	3,556	113	389	4,058

All street lighting circuits in Reading have been operated from dark until daylight every night since March 1, the total number of hours burned being 3,917.

We have re-arranged the street lights on Main Street and Lowell Street, installing 11—250 candle power and 18—600 candle power lamps, and removing 6—60 candle power and 3—100 candle power lamps. We have also installed 3—60 candle power private street lamps in Reading during the year.

The North Reading and Lynnfield Centre street light circuits have been operated 1691 hours, and 3—40 candle power lamps have been added during the year.

The Wilmington street light circuit has been operated 2,132 hours and we have added 10 public and 2 private 40 candle power lamps during the year.

The number of each size of street lamps renewed was:

1232—40 c. p.
611—60 c. p.
30—100 c. p.
110—250 c. p.
29—600 c. p.

No bonds or notes have been issued during the year and we have retired from earnings \$11,500 in bonds and \$4,300 in notes. The amount outstanding December 31 was \$107,500 in bonds and \$17,800 in notes.

All additions to the plant during the year have been paid for out of the income.

The Profit and Loss surplus has increased from \$20,510.45 to \$38,026.33, an increase of \$17,515.88 during the year.

The Accounts Receivable December 31 were \$24,548.19, which is an increase of \$2,629.91 over the previous year. Uncollectible accounts charged off amounted to \$1,123.18.

The inventory of supplies on hand was \$41,440.54, an increase of \$9,523.43.

The Accounts Payable at the end of the year were \$15,811.52, which is \$2,124.89 less than last year.

### LAMP AND APPLIANCE DEPARTMENT

The gross business in this Department for 1924 was \$27,987.47 with a net profit of \$917.99. We have sold during the year the following appliances: 37 ranges, 9 water heaters, 22 motors, 30 pumps, 27 washing machines, 1 sewing machine, 33 radiators, 7 waffle irons, 30 table stoves, 99 flat irons, 19 percolators, 41 portable reading lamps, 32 toasters, 69 vacuum cleaners, 7 hot plates, 2 Violet Ray outfits, 1 vibrator, 1 sewing machine motor 39 curling irons, 22 heating pads, 33 Christmas Tree sets, 7 Tungar chargers, 2 storage batteries, 1 electric drill, 5 electric refrigerators, 11 fans, 7 fireless cookers, 3 ironers, 2 sets vacuum cleaner attachments, 2 radio sets, 1 Thermolite, 28 table lamps, 7 soldering irons, 2 egg beaters, 2 immersion heaters, 1 cigar lighter.

The convenience of electric service is shown by the increased use of appliances in the home. This is particularly true of ranges, water heaters, and refrigerating systems, which are being used to a greater extent each year. Our records show that 326 ranges, 56 water heaters, and 23 refrigerating systems were in use by our customers on December 31.

### Improved Lighting in the Home

During the latter part of the year an International Home Lighting Contest was inaugurated by the Lighting Educational Committee. The contest was among the school children and was purely educational in its nature. About 4700 towns and cities were represented in the contest. In the towns served by this Department about 60 children completed the contest. The particular feature of the contest was to teach the children how to avoid glare and insufficient light, thereby conserving their eyesight. A sufficient amount of light, properly located and shaded, is necessary in order to lessen the strain on the eyes. This is a matter that is now receiving the attention of school authorities.

### POWER STATION

The generating apparatus at the power station is now loaded practically to its full capacity and immediate steps must be taken to provide additional equipment or the purchase of a part or the whole of our requirements. In either case it will probably take from six to nine months to complete the work and a definite plan for the future development of this part of the plant should be decided upon at the earliest opportunity.

The largest load on the power station was 1080 kilowatts on December 23, which is 140 kilowatts greater than the peak load in 1923, and the largest output was 14,035 kilowatt hours on December 24.

One boiler is in bad condition and should be replaced with a new one if our present steam pressure is maintained.

### DISTRIBUTION LINES

Many of the poles that have been set for several years are now in need of replacement. We have renewed 197 during the past year and I expect that it will be necessary to renew about 100 during 1925. We

have started to replace the bare wires through trees with an improved insulated wire known as tree wire. There are many streets where the new wire can be used to advantage, and a certain amount should be installed each year, both for the protection of the trees and to improve the service.

The changes in the secondary distribution system from 2 wire to 3 wire and the elimination of several small transformers has materially reduced our distribution losses and has improved the service.

#### **REDUCTION IN RATES**

On March 1, 1924, a reduction of 1 cent per kilowatt hour went into effect. I recommend a further reduction of 1 cent per kilowatt hour to go into effect on February 1, 1925, the prompt payment discount of 10% to remain as at present. This will make the net lighting rate to Reading consumers 8.1 cents and to the consumers in Lynnfield Centre, North Reading, and Wilmington 9.9 cents.

I also recommend a reduction in the rates for commercial power to take effect February 1, 1925, the new rates to be as follows:

#### **Commercial Power Rates**

The monthly charge will consist of: First, a service charge of 50c per month per horsepower of connected load; second, a current charge of:

- 5c per K. W. H. for the first 500 K. W. hrs.
- 4c per K. W. H. for the next 1000 K. W. hrs.
- 3½c per K. W. H. for the next 2500 K. W. hrs.
- 3c per K. W. H. for the next 5000 K. W. hrs.
- 2½c per K. W. H. for all additional K. W. hrs.

#### **Minimum Charge**

The minimum monthly charge will be the service charge, but in no case less than \$1.00.

#### **Discount**

A discount of ten per cent will be allowed on all power bills except minimum bills, if payment is received at the Office of the Municipal Light Department not later than fifteen days from date of bill.

No discount will be allowed when arrears are due.

My estimate of the income and expenses for 1925 is herewith submitted, together with data from the office records:

#### **ESTIMATE FOR 1925**

##### **Expenses**

For operation, maintenance, and repair .....	\$130,962.50
For interest on bonds and notes .....	5,633.50
For depreciation (4% on \$527,571.48) .....	21,102.86
For bond payments .....	9,500.00

For note payments .....	4,300.00
For taxes .....	600.00
For uncollectible operating revenue .....	500.00
	<hr/>
	\$172,598.86

**Income**

From sales to private consumers .....	\$173,935.42
From sundry sales .....	1,000.00
From tax levy at average cost per K. W. H. as defined by statute:	
For Street Lights .....	\$ 11,000.00
For Municipal Buildings .....	1,669.05
	<hr/>
Total Income .....	\$187,604.47

Respectfully submitted,

ARTHUR G. SIAS, Manager.

The manager's report as herewith submitted is approved.

WILLIAM G. LONG

HERBERT G. EVANS

HARRY P. BAKER

Municipal Light Board

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**DATA FROM RECORDS OF PLANT**

Kilowatt hours manufactured .....	3,572,588
Kilowatt hours for Reading Street Lights .....	209,738
Kilowatt hours sold .....	2,463,602
Kilowatt hours used at station and oficee .....	392,281
Kilowatt hours unaccounted for .....	506,967
Coal used, net tons .....	5,379.5
Average cost of coal per net ton .....	\$6.503
Poles added .....	235
Feet of wire added .....	198,232
New services installed .....	399
Street Lamps installed .....	50

**Connected Load December 31, 1924**

Number of customers .....	4,058
Horse power in motors .....	1,281.8
Number of public street lights .....	1,509
Number of private street lights .....	28

**Reading**

Number of customers December 31, 1924 .....	2,446
Number of 40 candle power public street lights .....	3
Number of 60 candle power public street lights .....	478
Number of 100 candle power public street lights .....	13
Number of 250 candle power public street lights .....	70
Number of 600 candle power public street lights .....	43
Number of 60 candle power private street lights .....	9
Number of 250 candle power private street lights .....	1
Horse power in motors .....	1,044
Earnings for year .....	\$119,864.89

**Lynnfield Center**

Number of customers December 31, 1924 .....	293
Number of 40 candle power public street lights .....	131
Number of 40 candle power private street lights .....	3
Horse power in motors .....	19
Earnings for year .....	\$ 8,759.78

**North Reading**

Number of customers December 31, 1924 .....	406
Number of 40 candle power public street lights .....	278
Number of 40 candle power private street lights .....	6
Horse power in motors .....	177.5
Earnings for year .....	\$ 18,353.15

**Wilmington**

Number of customers December 31, 1924 .....	880
Number of 40 candle power public street lights .....	496
Number of 40 candle power private street lights .....	9
Horse power in motors .....	41.9
Earnings for year .....	\$ 30,911.34

**COST OF DISTRIBUTION SYSTEM IN OUTSIDE TOWNS****Lynnfield Center**

Total Investment to December 31, 1924:

Poles, Fixtures and Overhead Conductors ..	\$ 16,985.61
Consumers' Meters .....	3,041.05
Line Transformers .....	2,297.88
Street Lighting Equipment .....	1,243.30
	—————
	\$ 23,567.84

**North Reading**

Total Investment to December 31, 1924:

Poles, Fixtures and Overhead Conductors ..	\$ 38,168.04
Consumers' Meters .....	4,554.73
Line Transformers .....	4,610.98
Street Lighting Equipment .....	2,222.92
	—————
	\$ 49,556.67

**Wilmington**

Total Investment to December 31, 1924:

Poles, Fixtures and Overhead Conductors ..	\$ 67,134.50
Consumers' Meters .....	7,039.82
Line Transformers .....	6,139.90
Street Lighting Equipment .....	3,442.51
	—————
	\$ 83,756.73
Total Investment—Outside Towns .....	\$156,881.24
Total Income—Outside Towns, 1924 .....	58,024.27

**Earnings from Light and Power—5 Years**

	1920	1921	1922	1923	1924
Light	\$ 92,850.17	\$107,342.66	\$119,815.79	\$121,697.50	\$123,659.16
Power	33,301.94	28,544.03	35,689.35	45,085.82	54,230.00
	—————	—————	—————	—————	—————
	\$126,152.11	\$135,886.69	\$155,505.14	\$166,783.32	\$177,889.16

Note—The above table includes the income from the appropriation for street lights and Municipal Buildings.

TABLE A

Year	Income from Electricity Sales of	Income from Other Sources from Tax Levy for Street Lights	Appropriations from Tax Levy for Street Lights	Appropriations from Tax Levy for Street Lights	Construction for Tax Levy	Manufacturing Expense	Distribution and Utilization Expense	Miscellaneous Expense	Expenses	Interest and Utilization Expense	Depreciation	Bond and Note Payment	Total Cost of Plant December 31
1910	\$25,668.87	\$604.88	\$10,000.00	\$270.00	\$13,228.57	\$3,271.76	\$4,429.32	\$2,535.75	\$3,556.00	\$4,000.00	\$135,992.62		
1911	31,317.40	410.77	5,800.00	1,000.00	13,066.25	6,353.77	5,753.84	2,767.00	4,079.78	4,500.00	144,714.06		
1912	37,171.93	599.07	5,000.00	5,500.00	17,546.87	5,605.41	5,605.18	3,018.21	4,143.80	7,200.00	173,091.96		
1913	44,664.70	671.87	6,000.00	5,076.19	20,054.99	10,705.42	10,214.88	3,515.40	4,788.80	6,800.00	202,518.81		
1914	49,799.75	791.14	4,500.00	4,132.07	19,014.03	7,784.82	8,697.05	4,453.33	6,051.08	9,000.00	233,509.58		
1915	51,603.32	640.25	10,500.00	none	18,292.78	10,329.83	7,730.32	4,640.42	6,972.28	9,500.00	254,349.09		
1916	61,900.01	911.69	5,000.00	none	22,261.19	13,986.22	8,316.39	4,704.99	7,597.47	10,800.00	269,898.27		
1917	67,593.64	2,422.92	8,750.00	none	30,460.16	14,557.81	11,577.08	5,070.43	8,096.95	11,300.00	285,428.29		
1918	78,096.09	1,537.86	11,000.00	none	41,006.13	13,572.51	11,311.54	6,882.24	8,529.85	14,800.00	348,871.08		
1919	100,844.10	1,100.11	14,450.00	none	45,006.98	13,864.14	13,874.46	7,416.21	10,419.76	14,800.00	389,564.73		
1920	126,152.11	1,094.66	11,000.00	none	56,187.74	17,085.95	17,142.48	7,850.70	15,507.13	18,300.00	421,048.20		
1921	135,886.69	219.20	17,500.00	none	52,738.98	24,453.15	16,594.65	7,423.10	16,767.55	19,300.00	449,540.12		
1922	155,505.14	451.50	15,300.00	none	55,137.36	22,473.04	38,489.58	6,807.64	17,959.59	16,800.00	477,852.76		
1923	166,783.32	464.31	14,800.00	none	62,619.57	20,247.54	15,607.11	6,437.28	19,011.08	15,800.00	505,983.28		
1924	177,889.16	1,373.72	12,000.00	none	61,286.63	25,898.28	30,817.91	6,174.57	20,136.30	15,800.00	530,147.28		

TABLE B

Year	K. W. H., Generated	K. W. H., Delivered to Reading St. Lights	K. W. H. Used at Station Stock Room and Apparatus Room	K. W. H., Used at K. W. H. Used at	Unaccounted For	Net Tons of Coal	Average Cost of Coal Per Ton	Number of Customers	Lights Number of Street	Horse Power in Motors	116 1-2
1910	698,597	300,861	227,100	16,269	154,357	1,748.3	3,461	738	269	215	215
1911	771,011	367,317	214,055	15,403	144,236	1,807.6	3,341	888	382	215	215
1912	919,282	481,301	242,033	13,307	182,141	2,947.8	3,741	1,078	698	212 1-4	212 1-4
1913	1,045,592	599,893	255,744	15,283	174,672	2,680	3,941	1,263	903	272	272
1914	986,476	578,709	187,590	15,283	204,894	2,496.4	3,666	1,390	993	313 7-10	313 7-10
1915	980,688	548,607	156,505	10,403	205,173	2,298.2	3,578	1,599	1,181	381	381
1916	1,231,677	751,735	170,810	13,916	295,216	2,741.7	3,934	1,805	1,225	442	442
1917	1,291,216	812,507	168,535	12,464	297,710	3,086.7	6,348	1,964	1,295	492	492
1918	1,318,546	976,121	125,820	10,573	206,032	3,348.8	7,875	2,083	1,303	672	672
1919	2,036,834	1,358,028	172,948	189,067	336,791	3,640	7,517	2,333	1,339	886	886
1920	2,297,237	1,444,960	175,704	257,999	418,574	3,615	10,352	2,617	1,363	812.5	812.5
1921	2,193,092	1,471,698	178,892	146,206	396,296	3,308.4	10,171	2,939	1,473	1120.5	1120.5
1922	2,609,076	1,583,716	183,250	276,477	565,633	3,791.5	9,00	3,234	1,481	1197.5	1197.5
1923	3,039,677	2,046,848	183,935	342,189	470,225	4577.7	8,94	3,666	1,494	1367.5	1367.5
1924	3,572,588	2,463,602	209,738	392,281	506,967	5,379.5	6,503	4,058	1,537	1281.8	1281.8

Note: 3520 K.W.H. purchased in 1923 from Lynn Gas and Electric Co.

TABLE C

Manufacturing Costs Per K. W. H. Based on Total K. W. H. Delivered  
at Switchboard

Year	Fuel	Labor	Repairs and Other Station Expenses	Total Costs
1910	.0086	.0075	.0026	.0187
1911	.0078	.0069	.0021	.0168
1912	.0091	.0071	.0027	.0189
1913	.0101	.0070	.0020	.0191
1914	.0092	.0082	.0017	.0191
1915	.0085	.0087	.0013	.0185
1916	.0087	.0071	.0022	.0180
1917	.0144	.0075	.0015	.0234
1918	.0200	.0085	.0025	.0310
1919	.0133	.0066	.0019	.0218
1920	.0162	.0071	.0009	.0242
1921	.0153	.0077	.0009	.0240
1922	.0131	.0066	.0014	.0211
1923	.0134	.0057	.0014	.0205
1924	.00979	.0055	.00166	.01695

TABLE D

Average Cost Per K. W. H. As Defined by Chapter 164, General Laws

	1912	1913	1914	1915	1916	1917	1918	1919	1920
Operating Costs:	.0397	.0483	.0362	.0586	.0467	.0577	.0538	.0509	.0558
Fixed Costs:	.0198	.0176	.0254	.0299	.0261	.0249	.0274	.0213	.0259
Total Costs:	.0595	.0659	.0616	.0885	.0728	.0826	.0812	.0722	.0817
	1921	1922	1923	1924					
Operating Costs:	.0640	.0561	.0494	.0377					
Fixed Costs:	.0330	.0278	.0185	.0138					
Total Costs:	.0970	.0839	.0679	.0515					

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#### UNPAID BILLS, DECEMBER 31, 1924

	Dr.	Cr.
Am. Elec. Service and Maintenance Co. ....	\$ 107.91	
Van I. Bennett .....	21.65	
Boston & Maine R.R. ....	669.91	
George H. Buckminster Co. ....	1,187.48	
Chandler & Farquhar Co. ....	27.00	
A. W. Chesterton Co. ....	6.08	
Columbia Lamp Division ....	652.70	
Eastern Mass. St. Ry. Co. ....	488.60	
Edison Electric Appliance Co. ....	22.41	

Electric Machine and Instrument Co.	5.74
Emerson Electric Mfg. Co.	1.75
Foster-McDonald Co.	68.63
Garlock Packing Co.	8.17
The Geir Company	49.25
General Electric Co.	98.61
Globe Stove and Range Co.	2.17
E. W. Ham Electric Co.	\$ 4.50
F. S. Hardy & Co.	1.69
Hobbs & Warren	13.50
Hodge Boiler Works	1,350.72
Jenkins Bros.	2.47
Johns-Manville, Inc.	45.04
Kelvinator Boston, Inc.	9.39
Kleen Heat Co. of N. E.	45.00
The Leather House	38.00
Library Bureau	101.85
Linseott Motor Co.	3.15
H. B. McArdle	61.40
Frank Nason Electric Co.	32.60
National Carbon Co.	15.83
N. E. Coal & Coke Co.	6,877.11
R. V. Pettingell Electric Supply Co.	134.61
Pettingell-Andrews Co.	176.20
Robbins, Phalon Co.	499.14
Scannell Boiler Works	20.00
Standard Oil Co.	111.52
Star Brass Mfg. Co.	2.04
Stearns, Perry & Smith Co.	34.50
Thorp & Martin Co.	49.86
Vacuum Oil Co.	22.00
Vye-Smith Co.	324.82
George H. Wahn Co.	12.63
Wales Adding Machine Co.	13.25
Waterproof Paint & Varnish Co.	62.50
Western Electric Co.	820.27
Westinghouse Elec. & Mfg. Co.	4.26
Wetmore-Savage Co.	1,447.54
C. H. Wheeler Mfg. Co.	65.22
Woburn Machine Co.	11.07
Worthington Pump & Machine Co.	2.24
M. S. Wright Co.	48.48
	\$15,846.99
	\$35.47
	<hr/>
	\$15,811.52

## REPORT OF AUDITOR FOR YEAR 1924

January 30, 1925.

To the Municipal Lighting Board,  
Reading, Mass.

Gentlemen:

According to your order, we have examined the books and records of the Municipal Light Department for the year ended December 31st, 1924, and submit herewith our report.

Attached hereto and forming a part of this report will be found audited schedules as follows:

- "A"—Balance Sheet, December 31, 1924.
- "B"—Condensed Statement of Operations for the year 1924.
- "C"—Profit and Loss Account for the year 1924.
- "D"—Detail of Operating Revenue for the year 1924.
- "E"—Detail of Operating Expenses for the year 1924.
- "F"—Bond and Note Schedule.

### Plant Investment:

Plant Investment accounts as shown in Schedule "A", we believe, fairly represent the cost thereof less depreciation charges to date. Depreciation at 4% of the cost of plant, less land values, was charged off during the year 1924 and properly recorded.

### Cash in Bank:—\$2,236.21:

This amount, represented as Construction Fund in Schedule "A", was checked and found to be in agreement with the Town Treasurer's accounts.

### Petty Cash—\$150.00:

There is loaned to the Municipal Light Department by the Town Treasurer on the first of each year \$150.00 to be used as a petty cash fund. This amount is returned to the Town Treasurer on December 31st of each year. This fund was counted on the morning of December 31st, 1924, and found to be correct. Proper turnover was made on that date to the Town Treasurer.

### Consumers' Deposit Fund—\$1,507.10:

The pass book of the Mechanic Savings Bank of Reading was examined and found to be in agreement with the books of the Department. This fund contains both principal and accrued interest. The accrued interest is to be withdrawn during 1925 and deposited in the Operating Fund, the withdrawal to be credited to **Acct. 563, "Interest Income"**.

**Accounts Receivable (Light and Power)—\$13,134.33:**

An analysis of this account was made as at Oct. 31, 1924, and found to be in agreement with the control balance. From this analysis, all old accounts were brought to the attention of the manager and \$564.64 was charged off as uncollectible. Balances of the customers' accounts are taken monthly and proved with the control as per suggestion in our 1923 annual report.

**Accounts Receivable (Miscellaneous)—\$11,413.86:**

This account was analyzed as above Light and Power accounts. There was charged off \$558.54 as uncollectible.

**Material and Supplies—\$41,440.54:**

A physical inventory was taken by clerks of your department as at December 31, 1924. Proper adjustments were made to bring the books into agreement with the amount shown by the inventories.

**Prepaid Insurance—\$1,688.22:**

This represents the unexpired premiums on policies covering the Municipal Lighting Department. Insurance covering automobiles is charged to Acct. 675, "Transportation Expenses". Premiums covering bonding of employees should in the future be charged to Acct. 661, "Commercial Supplies and Expenses".

**Bonds—\$107,500.00:**

Bonds to the amount of \$11,500.00 were retired during 1924, leaving \$107,500.00 outstanding as at December 31, 1924, as shown by Schedule "F". There were no issues during 1924.

**Notes—\$17,800.00**

Notes to the amount of \$4,300.00 were retired during 1924, leaving \$17,800.00 outstanding as at December 31, 1924, as shown by Schedule "F". There were no issues during 1924.

**Accounts Payable—\$15,811.52:**

This amount represents unpaid vouchers as at December 31, 1924. A list was made of outstanding vouchers and found to be in agreement with unpaid amounts in the voucher register and in balance with the control account. As per suggestion in our 1923 report, this account is checked monthly and balanced with control which eliminates checking for small differences at the close of the year.

**Consumers' Deposits—\$1,507.10:**

The actual liability represented by this account amounts to \$1,289.75, being the amount refundable to customers at the termination of service. The balance, \$217.85, is interest accrued on this amount to December 31, 1924. Concurrently with the withdrawal of this interest (to be deposited in Operating Fund) a journal entry should be made crediting Acct. 205,

**"Consumers' Deposit Fund"**, and charging this account with a like amount. This procedure should be followed with every withdrawal of interest from this fund.

**Accrued Liabilities—\$2,695.89:**

Represents accrued interest and insurance to December 31, 1924.

**Income—\$178,344.89:**

Gross electric operating revenue as shown in Schedule "B" represents an increase of \$11,908.77 over 1923 and \$22,839.75 over 1922 revenue.

**Expenses—\$138,139.12:**

Electric operating expenses as shown in Schedule "B" represents an increase of \$10,246.43 over 1923 expenses.

As shown by Schedule "C", the department has had an exceptionally successful year, net increase in Surplus for the year being \$17,515.88.

We wish to express our appreciation for the helpful assistance rendered by the employees of the department.

Respectfully submitted,

CHARLES E. STANWOOD & SONS,

By Francis J. Stanwood,  
Industrial Engineers and Public Accountants

F. J. Stanwood  
C. E. Moore  
W. W. Scott

## SCHEDULE "A"

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT**  
**BALANCE SHEET AS OF DECEMBER 31, 1924**

Assets	Liabilities
<b>PLANT INVESTMENT:</b>	
111 Land ..... \$ 2,575.80	301 Appropriations for Construction .....
113 Structures ..... 20,898.06	305 Bonds ..... \$107,500.00
<b>Generating Plant—Steam:</b>	307 Notes Payable ..... 17,800.00
114 Boiler Plant Equipment .. 36,915.30	
115 Prime Movers and Auxiliary ..... 17,875.51	<b>Total Bonds and Notes .....</b>
116 Turbo-Generator Units .. 27,875.51	
117 Electric Plant—Steam .. 19,658.67	<b>CURRENT LIABILITIES:</b>
<b>Transmission, Distribution and Storage:</b>	
125 Poles, Fixtures and Overhead Conductors .....	308 Accounts Payable .....
128 Consumers' Meters .....	309 Consumers' Deposits .....
129 Consumers' Meter Installation .....	
130 Line Transformers .....	<b>Total Current Liabilities .....</b>
131 Transformer Installation .....	
<b>Utilization Equipment:</b>	
132 Street Lighting Equipment .....	<b>ACCRUED LIABILITIES:</b>
	314 Interest on Bonds and Notes \$ 1,341.94
	315 Liability Insurance .....
	<b>Total Accrued Liabilities .....</b>
	<b>APPROPRIATED SURPLUS:</b>
	322 Loans Repayment .....
	<b>Total Liabilities .....</b>
<b>Total Plant Investment .....</b>	\$357,818.09
<b>General Equipment:</b>	
150 Office Equipment .....	\$ 2,905.75
153 Transportation Equipment .....	2,475.00
<b>Total Investments .....</b>	\$363,198.84
	<b>PROFIT AND LOSS:</b>
	400 Profit and Loss—Balance ..
	\$ 38,026.33

**CURRENT ASSETS:**

204 Construction Fund .....	\$ 2,236.21
205 Consumers' Deposit Fund	1,507.10
207-1 Accts. Rec. L't	
and Power .. \$13,134.33	
207-2 Accts. Rec. Misc.	11,413.86
	24,548.19

**Materials and Supplies:**

209-1 Material a n.d	
Suppl.—Gen'l	17,073.02
209-2 Station Tools &	
Appliances ..	462.92
209-3 Dist. Tools and	
Appliances ..	2,325.81
209-4 Printing & Of-	
fice Supplies	348.34
209-6 Coal Supply —	
Electric ..	8,158.13
209-9 Station Supplies	835.04
209-10 Lamps and Ap-	
pliances ..	12,237.28
	41,440.54

**Total Current Assets .....**

\$ 69,732.04

**PREPAID ACCOUNTS:**

213 Insurance General .....	1,688.22
<b>Total Assets .....</b>	<b>\$434,619.10</b>

**Total Liabilities and Surplus .....**

\$434,619.10

## SCHEDULE "B"

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT**  
**CONDENSED STATEMENT OF OPERATIONS—12 MONTHS ENDED**  
**DECEMBER 31, 1924**

**REVENUE FROM SALE OF ELECTRIC ENERGY:**

501-1	Commercial Incandescent Light Meter	\$ 96,976.61
501-2	Power for Motors .....	34,663.17
501-3	Heating and Cooking .....	16,491.78
504	Power for other Electric Companies	24,885.58
505-1	Public Incandescent Lighting .....	216.85
505-2	Municipal Lighting .....	1,796.97
505-3	Municipal Power .....	2,858.20
		_____
	<b>Total Revenue from Sale of Electric Energy</b>	<b>\$177,889.16</b>

**REVENUE FROM MISC. ELECTRIC OPERATIONS:**

508	Revenue from Misc. Electric Operations	\$ 455.73
	<b>Total Electric Operating Revenue .....</b>	<b>\$178,344.89</b>

**ELECTRIC OPERATING EXPENSES:**

Production .....	\$ 61,286.63
Transmission and Distribution .....	22,080.91
Utilization .....	3,817.37
Commercial .....	9,574.18
New Business .....	2,329.46
General and Miscellaneous .....	39,050.57
	_____
<b>Total Electric Operating Expense .....</b>	<b>\$138,139.12</b>

<b>Net Operating Revenue .....</b>	<b>\$ 40,205.77</b>
	_____

<b>Ratio Operating Expense to Operating Revenue</b>	<b>.774</b>
	_____

550 Uncollectible Operating Revenue .....	\$ 1,123.18
551 Taxes Assignable to Electric Operations	510.13
	_____

<b>Net Operating Income .....</b>	<b>\$ 38,572.46</b>
	_____

**NON-OPERATING INCOME:**

560 Merchandise and Jobbing Revenue ....	\$ 917.99
	_____

<b>Gross Income .....</b>	<b>\$ 39,490.45</b>
	_____

**DEDUCTIONS FROM GROSS INCOME:**

576 Interest on Bonds and Notes Payable	\$ 6,174.57
	_____

<b>Net Income .....</b>	<b>\$ 33,315.88</b>
	_____

## SCHEDULE "C"

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT  
PROFIT AND LOSS ACCOUNT—12 MONTHS ENDED DEC. 31, 1924**

401 Balance, January 1, 1924 .....	\$ 20,510.45
<b>CREDITS:</b>	
Net Income .....	\$ 33,315.88
<b>Total Credits</b> .....	<b>\$ 53,826.33</b>
<b>DEBITS:</b>	
Bonds Paid .....	\$ 11,500.00
Notes Paid .....	4,300.00
<b>Total Debits</b> .....	<b>\$ 15,800.00</b>
400 Balance, December 31, 1924 .....	\$ 38,026.33
<b>NET INCREASE IN SURPLUS FOR YEAR 1924</b>	<b>\$ 17,515.88</b>

## SCHEDULE "D"

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT  
DETAIL OF OPERATING INCOME—YEAR 1924**

<b>Commercial Incandescent Lighting Meter:</b>	
Reading .....	\$ 63,360.24
Lynnfield Centre .....	5,755.37
North Reading .....	8,630.79
Wilmington .....	19,230.21
	<b>\$ 96,976.31</b>
<b>Power for Motors:</b>	
Reading .....	\$ 29,179.79
Lynnfield Centre .....	364.50
North Reading .....	3,761.03
Wilmington .....	1,357.85
	<b>\$ 34,663.17</b>
<b>Heating and Cooking:</b>	
Reading .....	\$ 10,452.84
Lynnfield Centre .....	886.08
North Reading .....	2,238.48
Wilmington .....	2,914.38
	<b>\$ 16,491.78</b>
<b>Public Incandescent Lighting:</b>	
Reading .....	\$ 12,000.00
Lynnfield Centre .....	1,753.83
North Reading .....	3,722.85
Wilmington .....	7,408.90
	<b>\$ 24,885.58</b>

**Power for Other Electric Companies:**

Wakefield .....	\$ 88.22
Lowell .....	128.63
	-----
	\$ 216.85
Municipal Lighting .....	\$ 1,796.97
Municipal Power .....	\$ 2,858.20
	-----
Total Revenue from Sale of Electric Energy	\$177,889.16

**SCHEDULE "E"****TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT****DETAIL OF OPERATING EXPENSES—YEAR 1924****PRODUCTION EXPENSES:**

601-605 Labor .....	\$ 19,679.23
606 Boiler Fuel .....	34,984.32
607 Water for Steam .....	353.93
608 Lubricants .....	212.41
609 Station Supplies and Expenses .....	844.90
611 Maint. of Station Structures .....	201.36
612 Maint. of Boiler Plant Equipment ....	3,876.34
614 Maint. of Turbo-Generator Units ....	269.99
615 Maint. of Electric Generating Equip.	751.34
616 Maint. of Accessory Electric Equip. ..	112.81
	-----
	\$ 61,286.63

**TRANSMISSION & DISTRIBUTION EXPENSES:**

638 Operation of Trans. and Dist. Lines ..	\$ 5,971.90
639 Trans. and Dist. Supplies and Expense	259.56
640 Inspecting and Testing Meters .....	1,000.45
641 Removing and Resetting Meters .....	672.47
642 Removing and Resetting Transformers	496.93
647 Maint. of Trans. and Dist. Lines ....	12,347.80
650 Maint. of Consumers' Meters .....	165.18
651 Maint. of Transformers .....	1,166.62
	-----
	\$ 22,080.91

**UTILIZATION EXPENSES:**

654 Municipal Street Lamps—Labor .....	\$ 857.50
655 Municipal Street Lamps—Sup. and Exp.	1,581.75
657 Maint. of Municipal Street Lamps ....	622.25
659 Maint. of Consumers' Installations ....	755.87
	-----
	\$ 3,817.37

**COMMERCIAL EXPENSES:**

660 Commercial Salaries .....	\$ 7,684.23
661 Commercial Supplies and Expense ....	1,889.95
	-----
	\$ 9,574.18

**NEW BUSINESS EXPENSES:**

662 New Business Salaries .....	\$ 1,609.84
663 New Business Supplies and Expense ..	4.94
664 Advertising .....	714.68
	_____ \$ 2,329.46

**GENERAL AND MISCELLANEOUS EXPENSES:**

666 Salaries Mun. Light Board and Manager	\$ 3,653.33
667 Salaries General Office Clerks .....	2,925.83
668 General Office Supplies and Expense ..	1,096.01
671 Insurance .....	4,591.50
673 Accidents and Damages .....	14.15
674 Store Expense .....	460.59
675 Transportation Expenses .....	1,614.27
676 Inventory Adjustments .....	2,907.15
678 Depreciation .....	20,136.30
679 Misc. General Expenses .....	1,651.44
	_____ \$ 39,050.57
<b>Total Electric Operating Expenses .....</b>	<b>\$138,139.12</b>

SCHLESINGER

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT**  
**ORIGINAL ISSUE OF BONDS AND NOTES AND AMOUNTS OUTSTANDING** DEC. 31, 1924

SETON NOTES

5- 1.96	\$ 7,000.00	\$1,400 yearly 5 yrs.	4	May-November	Construction of Plant
5- 1.96	7,000.00	1,400 yearly 5 yrs.	4	May-November	Construction of Plant
12- 9.96	1,500.00	1,500 Dec. 9, 1897	4	May-November	Construction of Plant
7-15.98	3,000.00	1,000 July 15, 1901	3	July-January	New Generator
12- 7-03	1,400.00	2,000 July 15, 1904	4	June-December	Acct. note due 5-1-03
11-15.09	2,500.00	1,400 Dec. 7, 1906	4	May-November	Lynnfield Centre Lines
		1,000 Nov. 15, 1910	4	May-November	
		1,500 Nov. 15, 1911	4	June-December	
1-21-10	1,800.00	1,800 Jan. 21, 1913	4	June-December	Construction
7-12-11	2,200.00	2,200 July 12, 1912	4	December-July	Construction
3-27-10	12,000.00	1,000 yearly 12 yrs.	4	March 27-Sept. 27	North Reading Lines
4-16-13	13,500.00	1,500 yearly 9 yrs.	4½	April-October	Construction
5-15-15	12,000.00	800 yearly 15 yrs.	4	May 15-Nov. 15	Construction
7-15-15	4,000.00	500 yearly 8 yrs.	4	January-July	Reading
9-22-17	6,500.00	500 yearly 13 yrs.	5	March 22-Sept. 22	Construction
11-20-19	3,000.00	1,500 yearly 2 yrs.	4½	May-November	Construction
7- 1-22	7,000.00	1,000 yearly 7 yrs.	6	January 1-July 1	Additions
12-15-22	7,000.00	1,000 yearly 7 yrs.	4½	June 15-Dec. 15	Additions
					\$ 91,400.00
					\$ 17,800.00

## REPORT OF TREASURER

---

To the Citizens of Reading:—

On July 1, the Town Debt was increased by issue of Sewer Bonds as follows: \$7,000.00 4% payable \$1,000.00 July 1, of the years 1934-1940 inclusive, authorized by a vote of the Town on June 6, 1921, and \$15,000 4% payable \$1,000.00 July 1, of the years 1930-1944 inclusive, authorized by a vote of the Town, October 29, 1923.

### BONDED INDEBTEDNESS

January 1, 1924 .....	\$449,600.00
Sewer Bonds issued July 1 .....	22,000.00
	—————
Paid during year .....	42,800.00
	—————
December 31, 1924 .....	\$428,800.00

### NOTES ISSUED IN ANTICIPATION OF REVENUE

January 1, 1924 .....	\$100,000.00
Issued during year .....	300,000.00
	—————
Paid during year .....	\$375,000.00
December 31, 1924 unpaid .....	125,000.00
	—————
	\$400,000.00

(Amount of uncollected taxes Dec. 31, 1924, as per Tax Collector's report \$122,581.48.)

An account of receipts and expenditures is shown on next page and an itemized account will be found in the Town Accountant's report.

WILFRED A. BANCROFT, Treasurer

Reading, December 31, 1924.

**NOTES**

1st	5- 1-96	\$ 7,000.00	\$1,400 yearly 5 yrs.	4	May-November	Construction of Plant
2nd	5- 1-96	7,000.00	1,400 yearly 5 yrs.	4	May-November	Construction of Plant
3rd	12- 9-96	1,500.00	1,500 Dec. 9, 1897	4	May-November	Construction of Plant
4th	7-15-98	3,000.00	1,000 July 15, 1901	3	July-January	New Generator
			2,000 July 15, 1904			
5th	12- 7-03	1,400.00	1,400 Dec. 7, 1906	4	June-December	Acct. note due 5-1-03
6th	11-15-09	2,500.00	1,000 Nov. 15, 1910	4	May-November	Lynnfield Centre Lines
			1,500 Nov. 15, 1911			
7th	1-21-10	1,800.00	1,800 Jan. 21, 1912	4	June-December	Construction
8th	7-12-11	2,200.00	2,200 July 12, 1912	4	December-July	Construction
9th	3-27-10	12,000.00	1,000 yearly 12 yrs.	4	March 27-Sept. 27	North Reading Lines
10th	4-16-13	13,500.00	1,500 yearly 9 yrs.	4½	April-October	Construction
11th	5-15-15	12,000.00	800 yearly 15 yrs.	4	May 15-Nov. 15	Construction
12th	7-15-15	4,000.00	500 yearly 8 yrs.	4	January-July	Reading
13th	9-22-17	6,500.00	500 yearly 13 yrs.	5	March 22-Sept. 22	Construction
14th	11-20-19	3,000.00	1,500 yearly 2 yrs.	4½	May-November	Construction
15th	7- 1-22	7,000.00	1,000 yearly 7 yrs.	6	January 1-July 1	Additions
16th	12-15-22	7,000.00	1,000 yearly 7 yrs.	4½	June 15-Dec. 15	Additions
						\$ 91,400.00
						\$ 17,800.00

## REPORT OF TREASURER

---

To the Citizens of Reading:—

On July 1, the Town Debt was increased by issue of Sewer Bonds as follows: \$7,000.00 4% payable \$1,000.00 July 1, of the years 1934-1940 inclusive, authorized by a vote of the Town on June 6, 1921, and \$15,000 4% payable \$1,000.00 July 1, of the years 1930-1944 inclusive, authorized by a vote of the Town, October 29, 1923.

### BONDED INDEBTEDNESS

January 1, 1924 .....	\$449,600.00
Sewer Bonds issued July 1 .....	22,000.00
	<hr/>
Paid during year .....	42,800.00
	<hr/>
December 31, 1924 .....	\$428,800.00

### NOTES ISSUED IN ANTICIPATION OF REVENUE

January 1, 1924 .....	\$100,000.00
Issued during year .....	300,000.00
	<hr/>
Paid during year .....	\$375,000.00
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	<hr/>
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(Amount of uncollected taxes Dec. 31, 1924, as per Tax Collector's report \$122,581.48.)

An account of receipts and expenditures is shown on next page and an itemized account will be found in the Town Accountant's report.

WILFRED A. BANCROFT, Treasurer

Reading, December 31, 1924.

## TREASURER'S REPORT, DECEMBER 31, 1924

<b>Debtor</b>	
Balance, Jan. 1, 1924 .....	\$ 31,958.91
Grace V. Viall, Collector .....	\$380,768.96
Commonwealth of Mass., Taxes, etc. ....	51,160.46
Municipal Light Dept., Receipts .....	208,700.39
Water Dept. ....	43,945.28
Sewer Dept., Guarantee Deposits .....	7,663.18
Dept. of Public Welfare, Receipts .....	4,874.82
School Dept., Receipts .....	12,684.75
Cemetery Dept., Receipts .....	6,782.19
Other Dept., Receipts .....	5,066.32
Miscellaneous, Receipts .....	6,908.02
Interest on Deposits .....	1,475.62
Sewer Dept., Bonds sold .....	22,000.00
Sewer Dept., Premiums .....	120.51
Temporary Loans, Anticipation of Revenue .....	300,000.00
	\$1,052,150.50
Total Receipts .....	\$1,084,109.41

<b>Creditor</b>	
Discount Temporary Loans .....	\$ 6,836.24
Interest on Notes and Bonds .....	10,328.75
State Taxes and Assessments .....	29,013.07
County Tax .....	13,607.80
Notes and Bonds paid during 1924 .....	42,800.00
Temporary Loans Paid .....	275,000.00
Other Payments per vouchers .....	647,815.04
	\$1,025,400.90
Total Payments .....	\$1,025,400.90
Balance Dec. 31, 1924 .....	58,708.51
	\$1,084,109.41

## GRACE V. VIALL, COLLECTOR,

Dr.

Amount Interest collected, account 1919 Tax .....	\$ 12.61
" uncollected, Dec. 31, 1923, account 1920 Tax .....	249.33
" Interest collected, account 1920 Tax .....	58.02
" uncollected, Dec. 31, 1923, account 1921 Tax .....	229.39
" Interest collected, account 1921 Tax .....	1.27
" uncollected, Dec. 31, 1923 account 1922 Tax .....	1,824.45
" Interest collected, account 1922 Tax .....	154.52
" uncollected, Dec. 31, 1923 account 1923 Tax .....	106,339.42
" Interest collected, account 1923 Tax .....	3,529.79
" Poll Tax Warrant, Feb. 23, 1924, account 1923....	35.00
" uncollected, Dec. 31, 1923, account 1923 Sewer ....	1,149.98
" Interest collected, account 1923 Sewer .....	29.27
" Poll Tax Warrants June and December, 1924 ....	5,110.00
" General Tax Warrant, Sept. 1, 1924 .....	375,928.95
" Moth Tax, Sept. 1, 1924 .....	1,265.50
" Sidewalk Assessment, Sept. 1, 1924 .....	69.30
" General Tax Warrant, Dec. 15, 1924 .....	131.49
" Sewer Commitment for 1924 .....	4,738.74
" Interest collected, account 1924 Tax .....	215.74
" Interest collected, account 1924 Sewer .....	2.58
" uncollected sewer rentals, Dec. 31, 1923 .....	51.00
" Sewer rentals, Jan. 1, 1924 .....	2,094.90
" Sewer rentals, July 1, 1924 .....	2,470.95
" Advanced payments on apportioned sewer, 1922 Commitment .....	156.61
" Interest on apportioned sewer .....	2.58
" Advanced payments on apportioned sewer, 1924 Commitment .....	111.05
" Received account redemption property .....	2,265.20
" Costs and charges .....	554.74
" Sewer Betterment, Nov. 23, 1923 .....	840.00
" Sewer Betterment, July 19, 1924 .....	8,064.92
" Sewer Betterment, October 31, 1924 .....	343.00

\$518,030.30

TREASURER'S REPORT, PUBLIC LIBRARY FUND, DEC. 31, 1924

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**Debtor**

Jan. 1, 1924:

To cash balance .....	\$ 101.88
To interest .....	4.61
	—————
	\$ 106.49

**Creditor**

Dec. 31, 1924:

By balance cash on deposit, Mechanics Savings Bank .....	\$ 106.49
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WILFRED A. BANCROFT, Treasurer

## GRACE V. VIALL, COLLECTOR,

Dr.

Amount Interest collected, account 1919 Tax .....	\$ 12.61
" uncollected, Dec. 31, 1923, account 1920 Tax .....	249.33
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" Sidewalk Assessment, Sept. 1, 1924 .....	69.30
" General Tax Warrant, Dec. 15, 1924 .....	131.49
" Sewer Commitment for 1924 .....	4,738.74
" Interest collected, account 1924 Tax .....	215.74
" Interest collected, account 1924 Sewer .....	2.58
" uncollected sewer rentals, Dec. 31, 1923 .....	51.00
" Sewer rentals, Jan. 1, 1924 .....	2,094.90
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" Advanced payments on apportioned sewer, 1922 Commitment .....	156.61
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" Advanced payments on apportioned sewer, 1924 Commitment .....	111.05
" Received account redemption property .....	2,265.20
" Costs and charges .....	554.74
" Sewer Betterment, Nov. 23, 1923 .....	840.00
" Sewer Betterment, July 19, 1924 .....	8,064.92
" Sewer Betterment, October 31, 1924 .....	343.00

\$518,030.30

## IN ACCOUNT WITH TOWN OF READING

	Cr.
Amount paid Treasurer account 1919 Interest .....	\$ 12.61
"    paid Treasurer account 1920 Tax .....	307.35
"    paid Treasurer account 1921 Tax .....	8.12
"    abated, account 1921 Tax .....	27.92
"    uncollected, account 1921 Tax .....	194.62
"    paid Treasurer, account 1922 Tax .....	1,496.91
"    abated, account 1922 Tax .....	50.12
"    uncollected, account 1922 Tax .....	431.94
"    paid Treasurer, account 1923 Tax .....	105,305.15
"    paid Treasurer, account 1923 Sewer Commitment .....	1,161.57
"    transferred to Tax Title account, Sewer .....	17.68
"    transferred to Tax Title account, Taxes .....	2,153.11
"    abated, account 1923 Tax .....	756.32
"    uncollected, account 1923 Tax .....	1,690.22
"    paid Treasurer, account 1924 Tax .....	259,680.85
"    abated, account 1924 Tax .....	2,775.43
"    uncollected, account 1924 Tax .....	120,264.70
"    paid Treasurer, account 1924 Sewer Commitment .....	2,790.21
"    uncollected, account 1924 Sewer Commitment .....	1,951.11
"    paid Treasurer, account 1923 Sewer Rental .....	51.00
"    paid Treasurer, account 1924 Sewer Rental .....	4,453.38
"    abated, account 1924 Sewer Rental .....	24.57
"    uncollected, account 1924 Sewer Rentals .....	87.90
"    paid Treasurer, advanced payments on app. Sewer, 1922 .....	159.19
"    paid Treasurer, advanced payments on app. Sewer, 1924 .....	111.05
"    paid Treasurer, account redemption property .....	2,265.20
"    paid Treasurer, account costs and charges .....	436.95
"    paid Constable, account costs and charges .....	117.79
"    charged to apportioned Sewer, 1925 .....	64.40
"    charged to unapportioned Sewer, 1925 .....	69.30
"    paid to Treasurer, account 1924 Sewer Betterment..	209.30
"    paid Treasurer, account 1924 Sewer Betterment....	2,320.12
"    apportioned Sewer 1924 .....	5,279.11
"    unapportioned Sewer 1924 .....	1,200.69
"    Sewer assessments on Town property cancelled ....	105.00
	<hr/>
	\$518,030.89
"    overpaid, account 1923 Tax .....	.59
	<hr/>
	\$518,030.30

GRACE V. VIALL, Collector of Taxes

Reading, Mass., Dec. 31, 1924.

Approved: Leon G. Bent, Town Accountant



Annual Report  
OF THE  
TOWN ACCOUNTANT

---

RECEIPTS AND EXPENDITURES

For the Year Ended December 31

1924

Board of Selectmen:

Gentlemen:—The annual report of the receipts and expenditures is herewith submitted together with other information concerning the financial matters of the Town.

Statements of the appropriation accounts of the several departments have been furnished, during the year, or the accounts compared with the Accountant's books.

The accounts of the Tax Collector have been audited, receipts verified with payments to the Treasurer and statements sent out of all unpaid taxes, at date of audit.

The Water Department books have been examined, payments to the Treasurer checked and cash verified.

The accounts of the Sewer Department, Moth and Cemetery Departments and the Sealer's books have been audited and found correct.

The Treasurer's accounts have been examined and agree with the Accountant's books; bank balances have been verified and cash in office counted and proved.

The accounts of funds held in trust by the Treasurer have been audited; securities examined and bank deposits and balances verified.

The co-operation of the Board of Selectmen and of all other officials and department heads, with the accounting office, is much appreciated.

Respectfully submitted,

LEON G. BENT, Town Accountant

December 31, 1924.

## REPORT OF TOWN ACCOUNTANT

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### ACCOUNTING DEPARTMENT

#### Receipts for 1924

Grace V. Viall, Collector:

Taxes, Poll, Personal, Real Estate .....	\$361,397.59
Interest on Taxes .....	3,971.95
Moth Assessments .....	1,328.75
Sewer Assessments .....	5,988.19
Interest on Sewer Assessments .....	763.25
Sewer Rentals .....	4,504.38
Sidewalk Assessments .....	112.70
Summons, Costs and Charges, less fees .....	436.95
Redemption of Property .....	2,265.20
	\$380,768.96

Wilfred A. Bancroft, Treasurer:

Moth Bills, 1923-1924 .....	807.85
Sidewalk Work Bills .....	168.83
Interest on Deposits .....	1,475.62
Premium and Accrued Interest on Bonds ..	120.51
Cemetery Bequest Fund Income .....	1,116.79
Coupon Account, Special .....	4,000.00
	7,689.60

Commonwealth of Massachusetts:

Corporation Tax .....	9,540.71
Income Tax .....	30,087.62
National Bank Tax .....	509.24
Street Railway Tax .....	620.34
Civilian War Poll Tax .....	2,397.00
Soldiers' Exemption .....	118.27
Surplus War Bonus Funds, Ch. 480, Acts 1924	4,069.82
Lowell Street Bridge Award .....	3,355.46
	50,698.46

County of Middlesex, Dox Tax .....

907.48

Board of Selectmen:

Gasoline Applications, advertising .....	42.00
Auctioneers' Licenses .....	4.00
Second-hand Auto Dealers' Licenses .....	150.00
Bowling and Pool Licenses .....	20.00
Jitney Licenses .....	150.00
Junk Dealers' Licenses .....	75.00

Lord's Day Licenses .....	120.00
Third-Class Liquor License .....	1.00
Revolver Licenses .....	15.00
Taxi Cab Licenses .....	14.00
Truck and Express Licenses .....	22.00
Victualers' Licenses .....	16.00
	_____
	629.00
<b>Police Department:</b>	
Court Fines .....	416.50
Sale Material .....	13.85
	_____
	430.35
<b>Fire Department, Sale Material, etc.</b> .....	
	84.32
<b>Sealer of Weights and Measures, Fees</b> .....	
	42.75
<b>Board of Health:</b>	
Contagious Diseases, Reimbursements .....	379.00
Milk Licenses .....	27.00
Slaughtering License .....	100.00
Other Licenses .....	4.50
	_____
	510.50
<b>Board of Public Works:</b>	
Telephone Tolls .....	26.35
Sale Material, Highway Dept. .....	1.00
Employers' Liability Co. .....	98.29
	_____
	125.64
<b>Dept. of Public Welfare:</b>	
Comm. of Mass., Mothers' Aid .....	2,044.70
Comm. of Mass., Temporary Aid .....	1,880.75
Sundry Parties, Reimbursements .....	869.71
Sundry Receipts .....	79.66
	_____
	4,874.82
<b>Commonwealth of Massachusetts, State Aid</b> ..	
	462.00
<b>School Department:</b>	
Comm. of Mass., Tuition, State Wards .....	1,518.42
Federal Board Voc. Ed., U. S. Veterans' Bureau, Tuition .....	2,600.81
City of Melrose, Tuition .....	380.00
Town of North Reading, Tuition .....	5,920.08
Town of Tewksbury, Tuition .....	147.50
Town of Wakefield, Tuition .....	190.00
Town of Wilmington, Tuition .....	190.00
Sundry Parties, Tuition .....	50.00
Comm. of Mass. Voc. Ed. Aid .....	1,000.83
Comm. of Mass., Tuition Reimbursement ..	315.01
Smith-Hughes Fund .....	296.06
Sundry Receipts .....	67.04
	_____
	12,684.75

Public Library Fines .....	282.00
Municipal Light Department:	
Light and Power, Rates and Charges ....	208,700.39
Municipal Lighting Tax, Reimbursement ....	50.63
Petty Cash, Reimbursement .....	150.00
	200.63
Water Department:	
Water Rates and Charges .....	43,945.28
Petty Cash, Reimbursement .....	100.00
Sewer Department, House Connection Deposits ..	7,663.18
Cemetery Department:	
Sundry Parties, Sale, Lots and Graves .....	2,352.00
Sundry Parties, Care, Lots and Graves .....	3,242.56
Care, Bequest Lots .....	1,116.79
Royal Indemnity Co. ....	70.84
	6,782.19
Temporary Loans .....	\$300,000.00
Sewer Loans .....	22,000.00
Rents:	
C. L. Deming .....	360.00
Sundry Parties .....	665.00
	1,025.00
Refunds:	
Soldiers' Relief Account .....	20.00
High Street Drain Account .....	.97
School Dept. Gen'l Salary Account .....	109.00
Insurance Account .....	529.48
	659.45
Insurance Account, Special, Payment of Losses ..	685.23
Reading Antiquarian Society, Parker Tavern ....	100.00
Miscellaneous Receipts .....	98.52
Total Receipts .....	\$1,052,150.50

**PAYMENTS OF 1924**

Overlay 1924 Abatements .....	\$ 308.00
Cemetery Bequest to Maintenance .....	1,116.79
Tax Title Account .....	22.70
Moderator's Salary .....	60.00
Selectmen's Expenses .....	224.35
Selectmen's Clerical .....	1,310.00
Accountant's Salary .....	1,000.00
Treasurer's Salary .....	1,000.00

Treasurer's Expenses .....	348.26
Collector's Salary .....	2,000.00
Collector's Expenses .....	688.39
Collector's Clerical .....	117.50
Assessors' Salaries .....	1,800.00
Assessors' Expenses .....	1,657.98
Assessors' Clerical .....	1,300.00
Block System Survey .....	214.26
Town Counsel's Salary and Expenses .....	591.01
Town Clerk's Salary .....	350.00
Town Clerk's Expenses .....	493.21
Board of Public Works Salaries and Expenses .....	4,393.15
Registrars' Salaries .....	250.00
Election Expenses .....	1,302.78
Miscellaneous Expenses .....	2,436.59
Municipal Building Maintenance .....	2,039.91
Central Fire Station Maintenance and Repairs .....	1,750.29
Victory House Lighting .....	135.86
G. A. R. Rooms Lighting .....	10.30
G. A. R. Rooms Rent .....	360.00
Insurance .....	2,218.06
Interest .....	17,164.99
Police Department Maintenance .....	1,537.63
Police Department Salaries .....	15,022.72
Police Department Special Pay Roll .....	1,387.48
Fire Department Maintenance .....	5,146.78
Fire Department Salaries .....	9,686.86
Fire Department Call Men Pay Roll .....	2,690.00
Fire Alarm Maintenance .....	673.47
Moth Department Maintenance .....	6,795.80
Tree Warden Maintenance .....	1,498.41
Forest Warden Maintenance .....	348.43
Hydrant Rentals .....	6,240.00
Drinking Fountains .....	100.00
Inspector of Buildings Salary .....	300.00
Inspector of Wires Salary .....	100.00
Sealer of Weights and Measures Salary .....	400.00
Sealer of Weights and Measures Expenses .....	92.21
Health Department Salaries .....	250.00
Health Department Expenses .....	391.52
Inspector of Plumbing Salary .....	700.00
Inspector of Animals Salary .....	200.00
Inspector of Milk Salary .....	100.00
Care of Contagious Diseases .....	1,420.76
Garbage Collection .....	2,438.70
Sewer Department, Maintenance and Construction .....	27,103.16
House Connections Account .....	7,642.70

Highway Department:		49,904.79
Snow and Ice Removal		4,737.85
Drainage Ditches Cleaning		2,844.15
Street Lighting		12,000.00
Dept. of Public Welfare, Maintenance		5,064.70
Dept. of Public Welfare, Clerical Salary		352.00
Dept. of Public Welfare, Visitor		400.00
Dept. of Public Welfare, Board and Care, C. L. Deming		2,274.10
Dept. of Public Welfare, Mothers' Aid		3,757.31
Dept. of Public Welfare, Temporary Aid, State of Massachusetts		2,021.45
State Aid, Acct. Civil War		402.00
Soldiers' Relief		2,808.30
School Department:		
General Maintenance		38,467.37
Salaries		113,172.69
Agricultural Maintenance		471.18
Agricultural Salaries		4,368.75
Tuition		675.88
Public Library Maintenance		2,708.09
Public Library Salaries		2,245.20
Park Department, Maintenance		2,087.92
Cemetery Department, Maintenance		10,937.41
Water Department, Maintenance, Etc.		46,071.07
Municipal Light Department, Maintenance, Etc.		206,763.68
Care of Soldiers' Graves	\$	378.08
Memorial Day Observance		334.51
Water Dept., Cash		100.00
Municipal Light Dept., Cash		150.00
South Street Repairs		441.70
Forest Street Repairs		307.54
Lowell Street Bridge Approach		6,710.92
Child Welfare Work		300.00
Middlesex Co. Bureau of Agriculture		200.00
Firemen's Reimbursement		186.50
Traffic Beacons		563.50
School Dept. 1923 Bills		2,140.26
Forest Glen Cemetery, Land Purchase, Etc.		5,160.53
Cemetery Land Purchase, Clapp Est.		658.50
Building Lines		1,680.12
High Street Drain		20,000.97
County Tax		13,607.80
State Tax		17,100.00
State Highway Tax		1,961.50
Fire Prevention Tax		102.04
Municipal Lighting Tax		50.63

Metropolitan Sewer Assessments .....	9,798.90
Temporary Loans .....	275,000.00
Maturing Debt, not including Water & Light Dept	15,000.00
<b>Total Payments .....</b>	<b>\$1,025,400.90</b>

**TREASURER'S CASH**

Balance on hand Jan. 1, 1924 .....	\$ 31,958.91
Receipts for 1924 .....	1,052,150.50
	<hr/>
	1,084,109.41
Payments for 1924 .....	1,025,400.90
	<hr/>
Balance on hand, Dec. 31, 1924 .....	\$ 58,708.51

**APPROPRIATIONS FOR 1924**

## General Government:

Moderator's Salary .....	\$ 60.00
Selectmen's Expenses .....	300.00
Selectmen's Clerical .....	1,310.00
Accountant's Salary .....	1,000.00
Treasurer's Salary .....	1,000.00
Treasurer's Expenses .....	400.00
Tax Collector's Salary .....	2,000.00
Tax Collector's Expenses .....	700.00
Tax Collector's Clerical .....	150.00
Assessors' Salaries .....	1,800.00
Assessors' Expenses .....	1,700.00
Assessors' Clerical .....	1,300.00
Town Clerk's Salary .....	350.00
Town Clerk's Expenses .....	500.00
Town Counsel's Salary and Expenses .....	600.00
Registrars' Salaries .....	250.00
Election Expenses .....	900.00
Board of Public Works, Supt.'s Salary .....	3,000.00
Clerical .....	1,027.00
Expenses .....	373.00
Block System Survey .....	250.00
	<hr/>
	\$ 18,970.00

## General Accounts:

Miscellaneous Expenses .....	\$ 3,000.00
Municipal Building Maintenance .....	3,000.00
Central Fire Station Maintenance & Repairs .....	2,515.00
Lighting G. A. R. Rooms .....	25.00
Lighting Victory House .....	200.00
Insurance .....	2,202.04
Interest .....	17,907.50
	<hr/>
	\$ 28,849.54

**PROTECTION OF PERSONS AND PROPERTY**

Police Department, Salaries .....	\$ 15,230.30
Expenses .....	1,443.00
Fire Dept., Salaries .....	9,686.86
Call Men .....	2,690.00
Expenses .....	4,907.00
Fire Alarm, Maintenance .....	700.00
Moth Department Maintenance .....	6,800.00
Tree Warden Maintenance .....	1,500.00
Forest Warden Maintenance .....	500.00
Inspector of Wires, Salary .....	100.00
Inspector of Buildings, Salary .....	300.00
Sealer of Weights and Measures, Salary .....	400.00
Sealer of Weights and Measures, Expenses .....	100.00
Hydrant Rentals .....	6,240.00
Drinking Fountains .....	100.00
	-----
	\$ 50,697.16

**HEALTH AND SANITATION**

Board of Health, Salaries .....	\$ 250.00
Board of Health, Expenses .....	700.00
Inspector of Plumbing, Salary .....	700.00
Inspector of Milk, Salary .....	100.00
Inspector of Animals, Salary .....	200.00
Care Contagious Diseases .....	1,200.00
Garbage Removal .....	2,438.70
	-----
	5,588.70

**HIGHWAYS, SIDEWALKS, ETC.**

Highway Maintenance .....	\$ 50,000.00
Snow and Ice Removal .....	4,000.00
Drainage Ditches .....	3,000.00
Street Lighting .....	12,000.00
	-----
	\$ 69,000.00

**CHARITIES AND AID**

Board of Public Welfare, Clerical .....	\$ 352.00
Board of Public Welfare, Visitor .....	400.00
Board of Public Welfare, Outside Relief, etc. ..	5,000.00
Board and Care, C. L. Deming .....	2,500.00
Mothers' Aid .....	4,000.00
Temporary Aid, Comm. of Mass. .....	2,000.00
	-----
	\$ 14,252.00

**SOLDIERS' BENEFITS**

Soldiers' Relief .....	\$ 3,000.00
Military Aid .....	200.00
State Aid .....	500.00
	————— \$ 3,700.00

**EDUCATION**

School Department: Salaries, General Acct.: ....	\$113,176.58
Expenses, Gen'l Acct .....	37,822.50
Salaries, Agr. Acet. ....	4,500.00
Expenses, Agr. Acet. ....	500.00
Vocational Tuition ....	800.00
Public Library, Salaries ....	2,250.00
Public Library, Expenses ....	2,950.00
	————— \$161,999.08

**RECREATION**

Care Common and Parks and Supervised Play ..	\$ 2,750.00
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**CEMETERIES**

Laurel Hill Cemetery .....	\$ 8,300.00
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**SPECIAL APPROPRIATIONS**

Memorial Day Observance .....	\$ 500.00
Rent G. A. R. Rooms .....	360.00
Care Soldiers' Graves .....	500.00
Lowell St. Bridge Approach .....	6,710.92
Overdrafts, 1923 .....	2,014.54
Firemen's Reimbursement .....	186.50
High Street Drain .....	20,000.00
Traffic Beacons .....	693.50
School Dept. 1923 Bills .....	2,140.26
Cemetery Land and Purchase .....	6,000.00
Child Welfare Work .....	300.00
Agriculture and Home Economics .....	200.00
Building Lines .....	2,500.00
	—————
Total Appropriations .....	\$406,212.20

**APPROPRIATIONS NOT FROM TAX LEVY**

*Maturing Debt .....	\$ 15,000.00
*Reserve Fund .....	3,500.00
*Overdrafts 1923 .....	438.56
†Cemetery Land Purchase, Clapp Estate .....	658.50
	—————
	\$ 19,597.06

\* Appropriated from Excess and Deficiency Account.

† Appropriated from Cemetery Reserve Fund.

## RECAPITULATION

Town Expenses, Debt, Etc. ....	\$406,212.20
State Taxes and Assessments .....	29,013.07
County Tax ..... Overlay .....	13,607.80 8,143.88
	—————
	\$448,833.07
	—————
	\$456,976.95

## VALUATION

1924

Real Estate .....	\$11,064,625.00
Personal Estate ....	1,466,340.00
	—————
Total Valuation ...	\$12,530,965.00
Assessed @ \$30.00 ...	
Real Estate Tax ....	\$ 331,938.75
Personal Estate Tax .	43,990.20
	—————
	\$ 375,928.95
Poll Tax 2524 @ \$2 ..	5,048.00
	—————
	\$ 380,976.95

## APPROPRIATIONS

1924

Town Purposes ....	\$406,212.20
State & County Taxes,	
etc. ....	42,620.87
Overlay .....	8,143.88
	—————
	\$456,976.95
Less	
Estimated Receipts .	76,000.00
	—————
	\$380,976.95
December Commitment	
Real Estate .....	\$ 22.50
Personal Estate Tax	108.99
	—————
\$ 4,383.00	Total Taxes .... \$ 131.49

## STATE AND COUNTY TAXES, ASSESSMENTS, ETC.

1924

Commonwealth of Massachusetts:

State Tax .....	\$ 17,100.00
State Highway Tax, Sec. 16, Chap. 81 Gen.	
Laws .....	1,961.50
Fire Prevention Tax, Sec. 29, Chap. 148, Gen.	
Laws .....	102.04
Municipal Lighting Tax, Sec. 11, Chap. 25,	
Gen. Laws .....	
(Reimbursed by Municipal Light Dept.) .....	50.63
Metropolitan Sewerage Assessments .....	9,798.90
County of Middlesex, County Tax .....	13,607.80
	—————
	\$ 42,620.87

## ACCOUNTING, TAXES AND ASSESSMENTS

## TAXES 1920

Balance uncollected Jan. 1, 1924 .....	\$ 249.33
Collected 1924 .....	\$ 249.33
	\$ 249.33 \$ 249.33

## TAXES 1921

Balance uncollected Jan. 1, 1924 .....	\$ 229.39
Collected 1924 .....	\$ 6.85
Abatements .....	27.92
Balance uncollected Dec. 31, 1924 .....	194.62
	\$ 229.39 \$ 229.39

## TAXES 1922

Balance uncollected Jan. 1, 1924 .....	\$ 1,824.45
Collected 1924 .....	\$ 1,342.39
Abatements .....	50.12
Balance uncollected Dec. 31, 1924 .....	431.94
	\$ 1,824.45 \$ 1,824.45

## TAXES 1923

Balance uncollected Jan. 1, 1924 .....	\$105,886.52
Commitment, Poll Taxes Add'l .....	35.00
Collected 1924 .....	\$101,322.46
Abatements .....	756.32
Transfer to Tax Titles Acct. .....	2,153.11
Balance uncollected Dec. 31, 1924 .....	1,689.63
	\$105,921.52 \$105,921.52

## TAXES 1924

Commitment September .....	\$380,976.95
Commitment December .....	131.49
Commitment Poll Taxes Add'l .....	62.00
Collected .....	\$258,476.56
Abatements .....	2,775.43
Balance uncollected Dec. 31, 1924 .....	119,918.45
	\$381,170.44 \$381,170.44

## MOTH 1923

Balance uncollected Jan. 1, 1924 .....	\$ 409.50
Collected 1924 .....	\$ 409.50
	\$ 409.50 \$ 409.50

**MOTH 1924**

Commitment .....	\$ 1,265.50
Collected 1924 .....	\$ 919.25
Balance uncollected Dec. 31, 1924 .....	<u>346.25</u>
	\$ 1,265.50 \$ 1,265.50

**SIDEWALK ASSESSMENTS**

Balance uncollected Jan. 1, 1924 .....	\$ 43.40
Commitment 1924 .....	69.30
Collected 1924 .....	\$ 112.70
	\$ 112.70 \$ 112.70

**SEWER ASSESSMENTS****Unapportioned**

Balance uncollected Jan. 1, 1924 .....	\$ 93.73
Betterments Assessed in 1924 .....	9,247.92
Interest 1924 .....	34.43
Collected 1924 .....	\$ 3,271.73
Apportioned 1924 .....	5,238.51
Cancelled 1924 .....	105.00
Balance uncollected Dec. 31, 1924 .....	<u>760.84</u>
	\$ 9,376.08 \$ 9,376.08

**SEWER ASSESSMENTS****Apportionment of 1923**

Balance uncollected Jan. 1, 1924 .....	\$ 733.81
Transfer to Tax Titles .....	\$ 7.11
Transfer to Correct .....	.02
Collected 1924 .....	726.68
	\$ 733.81 \$ 733.81

**INTEREST ON SEWER ASSESSMENTS****Apportionment of 1923**

Balance uncollected Jan. 1, 1924 .....	\$ 322.46
Transfer to Tax Titles .....	\$ 10.57
Collected .....	311.89
	\$ 322.46 \$ 322.46

**SEWER ASSESSMENTS****Apportionment of 1924**

Commitment 1924 .....	\$ 2,689.05
Collected 1924 .....	\$ 1,722.12
Balance uncollected Dec. 31, 1924 .....	966.93
	_____
	\$ 2,689.05 \$ 2,689.05

**INTEREST ON SEWER ASSESSMENTS****Apportionment of 1924**

Commitment 1924 .....	\$ 744.00
Collected 1924 .....	\$ 451.36
Balance uncollected Dec. 31, 1924 .....	292.64
	_____
	\$ 744.00 \$ 744.00

**SEWER ASSESSMENTS****Apportioned Receivable—Deferred Payments 1924 to 1933**

Balance Jan. 1, 1924 .....	\$ 11,567.29
Assessments 1924 .....	5,238.51
Receipts 1924, Advanced Payments .....	\$ 267.66
Committed to Collector .....	2,689.05
Balance Dec. 31, 1924 .....	13,849.09
	_____
	\$ 16,805.80 \$ 16,805.80

**SEWER RENTALS**

Balance uncollected Jan. 1, 1924 .....	\$ 51.00
Charged in 1924 .....	4,565.85
Collected in 1924 .....	\$ 4,504.38
Abatements .....	24.57
Balance uncollected Dec. 31, 1924 .....	87.90
	_____
	\$ 4,616.85 \$ 4,616.85

**OVERLAY 1920**

Balance Jan. 1, 1924 .....	\$ 249.33
Transferred to Overlay Reserve Fund .....	_____
	\$ 249.33 \$ 249.33

**OVERLAY 1921**

Balance Jan. 1, 1924 .....	\$ 229.39
Abatements 1924 .....	\$ 27.92
Transferred to Overlay Reserve Fund .....	6.85
Balance to 1924 .....	194.62
	_____
	\$ 229.39 \$ 229.39

**OVERLAY 1922**

Transfer, Overdrafts, 1923 .....	\$ 41.25
Transfer from Reserve Fund .....	50.12
Balance Jan. 1, 1924 .....	\$ 41.25
Abatements, 1924 .....	50.12
	_____
	\$ 91.37 \$ 91.37

**OVERLAY 1923**

Balance Jan. 1, 1924 .....	\$ 3,625.10
Commitment, Poll Taxes, Add'l .....	35.00
Abatements 1924 .....	\$ 756.32
Transfer to Overlay Reserve Fund .....	1,214.15
Balance to 1925 .....	1,689.63
	_____
	\$ 3,660.10 \$ 3,660.10

**OVERLAY 1924**

Appropriation .....	\$ 8,143.88
Commitment, Poll Taxes Add'l .....	62.00
Commitment, December .....	131.49
Refunds 1924 .....	\$ 308.00
Abatements 1924 .....	2,775.43
Balance to 1925 .....	5,253.94
	_____
	\$ 8,337.57 \$ 8,337.57

**OVERLAY RESERVE FUND**

Balance Jan. 1, 1924 .....	\$ 427.26
Transfer from Overlay, 1920 .....	249.33
Transfer from Overlay 1921 .....	6.85
Transfer from Overlay 1923 .....	1,214.15
Balance to 1925 .....	\$ 1,897.59
	_____
	\$ 1,897.59 \$ 1,897.59

**DEPARTMENTAL ACCOUNTS****Receivable**

Balance Jan. 1, 1924 .....	\$ 10,655.52
Charges in 1924 .....	18,590.39
Received in 1924 .....	\$ 20,130.07
Committed to Collector .....	1,334.80
Balance to 1925 .....	7,781.04
	_____
	\$ 29,245.91 \$ 29,245.91

**WATER DEPARTMENT****Accounts Receivable**

Dr.

Balance Jan. 1, 1924 .....	\$ 211.49
Meter rates, etc., charged in 1924 .....	43,839.51
Cr.	
Receipts 1924 .....	\$ 43,945.28
Balance Dec. 31, 1924 .....	105.72
	\$ 44,051.00
	<u>\$ 44,051.00</u>

**MUNICIPAL LIGHT DEPARTMENT****Accounts Receivable**

Dr.

Balance Jan. 1, 1924 .....	\$ 21,918.28
Light, Power, etc., charged in 1924 .....	226,770.98
Cr.	
Receipts 1924 .....	\$208,700.39
Discounts, Credits and Transfers .....	14,317.50
Bills uncollectible, charged off .....	1,123.18
Balance Dec. 31, 1924 .....	24,548.19
	\$248,689.26
	<u>\$248,689.26</u>

**CEMETERY RESERVE FUND**

Cr.

Balance Jan. 1, 1924 .....	\$ 1,458.83
Receipts, Sale Lots and Graves .....	2,352.00
Dr.	
Transferred to Cemetery Land Purchase .....	\$ 658.50
Transferred to Laurel Hill Cemetery Account .....	1,520.62
Balance to 1925 .....	1,631.71
	\$ 3,810.83
	<u>\$ 3,810.83</u>

**TAX TITLES HELD BY TOWN**

Dr.

Balance from 1923 .....	\$ 3,958.04
Expenses, Recording, etc. ....	22.70
Transfer from Taxes 1923 .....	2,153.11
Transfer from Sewer Assessments 1923 .....	17.68
Cr.	
Redemption of Property .....	\$ 2,265.20
Balance to 1925 .....	3,836.33
	\$ 6,151.53
	<u>\$ 6,151.53</u>

**EXCESS AND DEFICIENCY ACCOUNT**

Cr.

Balance Jan. 1, 1924 .....	\$ 18,938.56
Transferred Tax Title Revenue .....	2,282.88
Transferred Revenue Account .....	16,034.04

Dr.

Transferred to Maturing Debt Account .....	\$ 15,000.00
Transferred to Overdrafts 1923 .....	438.56
Transferred to Tax Titles Revenue .....	2,194.99
Transferred to Reserve Fund .....	3,500.00
Balance to 1925 .....	16,121.93
	_____
	\$ 37,255.48
	_____
	\$ 37,255.48

**RESERVE FUND**

Cr.

Balance Jan. 1, 1924 .....	\$ 16.50
Transfer from E. & D. Acct. .....	3,500.00

Dr.

Transfer to Election Expenses .....	\$ 402.78
Insurance Account .....	6.39
Police Dept. Maintenance .....	94.63
Police Dept. Special Officers .....	1,187.48
Fire Dept. Maintenance .....	239.78
Care Contagious Diseases .....	220.76
Snow and Ice Removal .....	737.85
Poor Dept. Maintenance .....	64.70
Temporary Aid .....	21.45
Overlay 1922 .....	50.12
Balance to 1925 .....	490.56
	_____
	\$ 3,516.50
	_____
	\$ 3,516.50

**APPROPRIATION ACCOUNTS****Moderator's Salary**

Cr.

Appropriation .....	\$ 60.00
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Dr.

Jesse W. Morton .....	\$ 60.00
	_____
	\$ 60.00
	_____
	\$ 60.00

**Selectmen's Expenses**

Cr.

Appropriation .....	\$ 300.00
---------------------	-----------

Dr.	
American Railway Exp. Co.	\$ .39
Helen A. Brown	21.00
Simon Castine	5.00
Comm. of Mass.	4.00
Cummings Exp. Co.	.65
John Fay	2.00
First Nat'l Bank	.50
Bernice S. Flint	3.00
Hobbs & Warren	.50
Margaret Hunt	10.50
Hazel Killam	1.50
New England Tel. & Tel. Co.	60.20
New England Towel Supply Co.	16.80
Clyde M. Simonds	2.50
W. E. & J. F. Twombly	92.81
U. S. Post Office	3.00
	_____
Total Payments	224.35
Balance to Revenue	75.65
	_____
	\$ 300.00      \$ 300.00

**Selectmen's Clerical**  
Cr.

Appropriation	\$ 1,310.00
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## Dr.

Leon G. Bent	\$ 1,102.00
Mabel M. Strout	136.00
Helen A. Brown	69.00
Heloise Playdon	3.00
	_____
	\$ 1,310.00      \$ 1,310.00

**Town Accountant's Salary**  
Cr.

Appropriation	\$ 1,000.00
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## Dr.

Leon G. Bent	\$ 1,000.00
	_____
	\$ 1,000.00      \$ 1,000.00

**Treasurer's Salary**  
Cr.

Appropriation	\$ 1,000.00
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## Dr.

Henry H. Kinsley .....	\$ 166.66
Wilfred A. Bancroft.....	833.34
	_____
	\$ 1,000.00 \$ 1,000.00

**Treasurer's Expenses**

## Cr.

Appropriation .....	\$ 400.00
	_____

## Dr.

Allen Bros. ....	\$ 4.70
Wilfred A. Bancroft .....	7.03
Second Nat'l Bank .....	11.00
F. & E. Check Writer Co. ....	45.00
M. F. Charles .....	14.40
Comm. of Mass. ....	30.00
Hill, Smith & Co. ....	3.77
Hobbs & Warren .....	1.38
New England Tel. & Tel. Co. ....	39.31
Prentiss & Parker .....	75.00
Thorp & Martin Co. ....	6.86
W. E. & J. F. Twombly .....	22.45
U. S. Post Office .....	87.36
	_____
Total Payments .....	348.26
Balance to Revenue .....	51.74
	_____
	\$ 400.00 \$ 400.00

**Tax Collector's Salary**

## Cr.

Appropriation .....	\$ 2,000.00
	_____

## Dr.

Grace V. Viall .....	\$ 2,000.00
	_____
	\$ 2,000.00 \$ 2,000.00

**Tax Collector's Expenses**

## Cr.

Appropriation .....	\$ 700.00
	_____

## Dr.

F. W. Barry, Beale Co. ....	\$ 3.12
M. F. Charles .....	5.90
Clinton W. Crafts .....	106.80
Hobbs & Warren .....	1.97
Louie's Stationery .....	4.58

W. W. Lydston .....	1.00
New England Tel. & Tel. Co. ....	37.08
New England Towel Supply Co. ....	7.20
Prentiss & Parker .....	100.00
Royal Typewriter Co. ....	94.63
W. E. & J. F. Twombly .....	121.43
U. S. Post Office .....	202.68
Grace V. Viall .....	2.00
	_____
Total Payments .....	688.39
Balance to Revenue .....	11.61
	_____
	\$ 700.00 \$ 700.00

**Tax Collector's Clerical**

Cr.	
Appropriation .....	\$ 150.00
Dr.	
Vera Y. Cobb .....	\$ 18.75
Jessie M. Staples .....	25.00
Marcia S. Ferris .....	6.50
Christine F. Atkinson .....	67.25
	_____
Total Payments .....	117.50
Balance to Revenue .....	32.50
	_____
	\$ 150.00 \$ 150.00

**Assessors' Salaries**

Cr.	
Appropriation .....	\$ 1,800.00
Dr.	
Alvah W. Clark .....	\$ 600.00
J. Fred Richardson .....	600.00.
Edward B. Eames .....	600.00
	_____
	\$ 1,800.00 \$ 1,800.00

**Assessors' Expenses**

Cr.	
Appropriation .....	\$ 1,700.00
Dr.	
C. F. Atkinson .....	.35
Mrs. Marion P. Allen .....	144.00
A. W. Brownell, Corp'n .....	4.00
M. F. Charles .....	6.58
Cummings Express Co. .....	.40

Alvah W. Clark .....	50.00
Mrs. Mary Daniel .....	131.00
Davis & Abbott .....	14.57
Philomena Doucette .....	137.50
Mrs. Bernice S. Flint .....	70.50
Bernard J. Golden, Att'y .....	50.00
Library Bureau .....	4.88
Municipal Light Department .....	15.62
H. B. McArdle .....	1.75
New England Tel. & Tel. Co. ....	36.02
New England Towel Supply Co. ....	6.60
Quality Press .....	8.76
J. Fred Richardson .....	50.00
Royal Typewriter Co. ....	90.00
Benjamin W. Smith, Att'y .....	199.50
W. E. & J. F. Twombly .....	629.20
U. S. Post Office .....	4.50
W. H. Willis .....	.50
Wakefield Daily Item .....	1.75
<hr/>	
Total Payments .....	1,657.98
Balance to Revenue .....	42.02
<hr/>	
	\$ 1,700.00
	\$ 1,700.00

**Assessors' Clerical**

Cr.	
Appropriation .....	\$ 1,300.00
<hr/>	
Dr.	
Christine F. Atkinson .....	\$ 1,300.00
<hr/>	
	\$ 1,300.00
	\$ 1,300.00

**Block System Survey**

Cr.	
Balance from 1923 .....	\$ 33.66
Appropriation .....	250.00
<hr/>	
Dr.	
Davis & Abbott .....	\$ 214.26
Balance to 1925 .....	69.40
<hr/>	
	\$ 283.66
	\$ 283.66

**Town Counsel's Salary and Expenses**

Cr.	
Appropriation .....	\$ 600.00

## Dr.

Jesse W. Morton, Att'y

Salary .....	\$ 500.00
Expenses .....	91.01
	<hr/>
Total Payments .....	591.01
Balance to Revenue .....	8.99
	<hr/>
	\$ 600.00 \$ 600.00

## Town Clerk's Salary

## Cr.

Appropriation .....	\$ 350.00
	<hr/>
Millard F. Charles .....	\$ 350.00
	<hr/>

## Town Clerk's Expenses

## Cr.

Appropriation .....	\$ 500.00
	<hr/>
C. F. Atkinson .....	\$ 65.00
M. F. Charles .....	363.66
Doherty Bros. ....	5.75
Edgerly & Bessom .....	15.50
P. B. Murphy .....	12.10
W. E. & J. F. Twombly .....	31.20
	<hr/>
Total Payments .....	493.21
Balance to Revenue .....	6.79
	<hr/>
	\$ 500.00 \$ 500.00

## Board of Public Works

## Cr.

Appropriation .....	\$ 4,400.00
	<hr/>
Harry B. Collins, Salary .....	\$ 3,000.00
Clerical Salaries .....	988.00
Abbott & McKay .....	10.17
Adams Company .....	3.40
American Ry. Exp. Co. ....	.48
Amstaco .....	.60
F. W. Barry, Beale & Co. ....	7.19
C. W. Crafts .....	4.69
Cummings Exp. ....	.35

E. B. Currell & Son .....	7.51
Davis & Abbott .....	2.00
Elliott Address. Mach. Co. ....	10.16
Estabrook Steel Pen Co. ....	1.64
T. C. Fife .....	2.50
Francis Bros. ....	.35
Hodson Bros. ....	.45
R. H. Jackson .....	.50
Municipal Light Co. ....	5.59
H. B. McArdle .....	3.00
McGraw, Hill Co. ....	5.00
New England Tel. & Tel. Co. ....	154.10
Prentiss & Parker .....	12.50
Reading Motor Co. ....	58.74
Registry of Motor Vehicles .....	2.00
F. F. Smith .....	.30
W. E. & J. F. Twombly .....	25.50
Underwood Typewriter Co. ....	5.89
U. S. Post Office .....	46.41
A. W. Wiley .....	.73
W. H. Willis .....	.55
Yawman & Erbe Mfg. Co. ....	32.85
<hr/>	
Total Payments .....	4,393.15
Balance to Revenue .....	6.85
<hr/>	
	\$ 4,400.00
	\$ 4,400.00

**Board of Registrars**

Salaries

Cr.

Appropriation .....	\$ 250.00
Dr.	
Owen McKenney .....	\$ 60.00
Walter S. Prentiss .....	60.00
Preston F. Nichols .....	60.00
Millard F. Charles, Clerk .....	70.00
<hr/>	
	\$ 250.00
	\$ 250.00

**Election Expenses**

Cr.

Appropriation .....	\$ 900.00
Transferred from Reserve Fund .....	402.78
Dr.	
Sundry Parties, Election Officers .....	\$ 599.50
M. F. Charles .....	.60

Clapp & Leach .....	22.14
E. B. Currell & Son .....	32.54
George L. Flint .....	3.00
Pay Roll, Highway Dept. ....	18.92
J. Fred Richardson .....	17.50
Security Lodge, I. O. O. F. ....	165.00
W. E. & J. F. Twombly .....	407.09
Edward G. Quinlan .....	36.50
	-----
	\$ 1,302.78
	\$ 1,302.78

**Miscellaneous Expense**

Cr.	Dr.
Appropriation .....	\$ 3,000.00
	Dr.
Allen Brothers .....	\$ 7.15
Amberg File & Index Co. ....	4.23
Am. Gasaccumulator Co. ....	24.75
C. F. Atkinson .....	13.50
W. Bancroft & Co. ....	7.20
L. G. Bent .....	51.75
Blackbird Pen Co. ....	7.00
Boston & Maine R. R. ....	6.61
M. F. Charles .....	1.86
Clinton W. Crafts .....	115.00
Cummings Express Co. ....	.35
E. B. Currell & Son .....	6.45
Joseph Finberg, Treasurer .....	20.00
Gillis Office Supply Co. ....	2.16
W. W. Lydston .....	7.50
H. M. Meserve Co. ....	8.83
Municipal Light Dept.	
Old South Clock .....	238.54
Reading Sign .....	74.08
H. B. McArdle .....	32.10
N. Wilmington Nurseries .....	5.00
Old South M. E. Society .....	50.00
Prentiss & Parker .....	10.00
Royal Typewriter Co. ....	9.00
Kirk Sweetser Heirs .....	274.55
Percy N. Sweetser .....	6.00
James T. Towhill Co. ....	33.95
W. E. & J. F. Twombly .....	1,368.38
U. S. Post Office .....	10.03
G. V. Viall .....	2.00

Water Dept.	27.95
Yawman & Erbe Mfg. Co.	10.67
<hr/>	
Total Payments	2,436.59
Balance to Revenue	563.41
<hr/>	
	\$ 3,000.00
	\$ 3,000.00

**Municipal Building Maintenance**  
Cr.

Appropriation	\$ 3,000.00
Dr.	
Am. Ry. Exp. Co.	.57
G. H. Atkinson Co.	1.95
Clapp & Leach	2.10
E. B. Currell & Son	15.40
T. C. Fife	67.15
George L. Flint	6.75
Francis Brothers	15.55
Pay Roll, Highway Dept.	14.37
Earl G. Hobart	2.50
Hodson Bros.	13.00
William Kelch	9.00
W. H. Killam	40.20
R. H. Jackson	3.25
Malden & Melrose Gas Light Co.	6.00
George W. Marshall	1.50
Municipal Light Dept.	602.17
H. B. McArdle	27.00
New Method Varnish Co.	5.88
George W. Perkins	14.50
Sewer Dept.	39.30
Charles N. Smart	6.65
Fred F. Smith	1.25
Standard Chemical & Supply Co.	3.61
H. L. Stearns Desk Co.	23.30
Frank W. Stevens	12.16
Charles H. Stinchfield	806.00
Percy N. Sweetser	246.60
Wakefield Win. Cl./Co.	6.00
Water Dept.	46.20
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Total Payments	2,039.91
Balance to Revenue	960.09
<hr/>	
	\$ 3,000.00
	\$ 3,000.00

**Central Fire Station**  
**Maintenance and Repairs**  
**Cr.**

Appropriation .....		\$ 2,515.00
Dr.		
W. Bancroft & Co. ....	\$ 21.08	
Burgess & Blacker .....	651.00	
F. A. Butters .....	19.79	
T. C. Fife .....	30.00	
J. A. Lefave .....	142.99	
Municipal Light Dept. ....	207.62	
F. F. Smith .....	2.40	
Sewer Department .....	138.80	
Percy N. Sweetser .....	494.21	
Water Department .....	42.40	
Total Payments .....	1,750.29	
Balance to Revenue .....	764.71	
		\$ 2,515.00
		\$ 2,515.00

**Victory House. Lighting**  
**Cr.**

Appropriation .....		\$ 200.00
Dr.		
Municipal Light Dept. ....	\$ 135.86	
Balance to Revenue .....	64.14	
		\$ 200.00
		\$ 200.00

**G. A. R. Rooms. Lighting**  
**Cr.**

Appropriation .....		\$ 25.00
Dr.		
Municipal Light Dept. ....	\$ 10.30	
Balance to Revenue .....	14.70	
		\$ 25.00
		\$ 25.00

**G. A. R. Rooms. Rent**  
**Cr.**

Appropriation .....		\$ 360.00
Dr.		
Mahlon E. Brande .....	\$ 360.00	
		\$ 360.00
		\$ 360.00

**Insurance**

Cr.

Appropriation .....	\$ 2,202.04
Receipts, Return Premiums .....	529.48
Transfer from Water Dept. ....	245.93
Transfer from Sewer Dept. ....	320.81
Transfer from Mun. Light .....	205.22
Dr.	
Louis Davis .....	\$ 853.83
Irving F. Jewett .....	2.98
Kingman & Richardson .....	183.91
Prentiss & Parker .....	1,737.07
W. H. Wightman & Co. ....	212.23
Total Payments .....	2,990.02
Balance to Revenue .....	513.46
	\$ 3,503.48
	\$ 3,503.48

**Interest**

Cr.

Appropriation .....	\$ 17,907.50
Dr.	
C. L. Edwards & Co., Int. on Temporary Loan	\$ 751.67
Second Nat'l Bank, Int. on Temporary Loan ....	1,593.13
Old Colony Trust Co., Int. on Temporary Loan	1,216.14
First Nat'l Bank, Boston, Int. on Temporary Loan	1,175.42
Atlantic Nat'l Bank .....	2,099.88
Various Parties, Interest on Loans, not including Municipal Light and Water .....	10,328.75
Total Payments .....	17,164.99
Balance to Revenue .....	742.51
	\$ 17,907.50
	\$ 17,907.50

**Police Department. Maintenance**

Cr.

Appropriation .....	\$ 1,443.00
Transferred from Reserve Fund .....	94.63
Dr.	
Am. Ry. Exp. Co. ....	\$ .97
G. H. Atkinson Co. ....	6.68
Auto List Pub. Co. ....	50.00
M. C. Bassett .....	15.00
J. J. Cameron .....	6.00

Central Garage .....	348.95
M. F. Charles .....	5.00
Clapp & Leach .....	9.10
Jeremiah Cullinane .....	51.06
Cummings Exp. Co. ....	2.70
George W. Davis Co. ....	34.63
T. C. Fife .....	3.12
Clarence H. Forest .....	15.00
A. D. Gordon .....	12.00
Iver Johnson Sporting Goods Co. ....	37.41
Kenney's Service Station .....	3.42
M. Linsky & Bros. ....	9.00
Charles J. Martin .....	495.00
Municipal Light Dept. ....	40.29
N. E. Fire Appliance Co. ....	7.69
N. E. Tel. & Tel. Co. ....	148.34
Portalite Co. ....	3.08
J. W. Reardon .....	66.15
Reg. of Motor Vehicles .....	10.00
E. D. Richmond, M. D. ....	3.00
F. F. Smith .....	.70
S. M. Spencer Mfg. Co. ....	13.94
Traffic Sign & Signal Co. ....	90.00
W. F. Turner, Jr. ....	24.00
W. E. & J. F. Twombly .....	25.40
<hr/>	
	\$ 1,537.63
	\$ 1,537.63

## Police Department. Salaries

Cr.	
Appropriation .....	\$ 15,030.30
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Dr.	
Pay Roll .....	\$ 15,022.72
Balance to Revenue .....	7.58
<hr/>	
	\$ 15,030.30
	\$ 15,030.30

## Police Department. Special Officers

Cr.	
Appropriation .....	\$ 200.00
Transferred from Reserve Fund .....	1,187.48
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Dr.	
Pay Roll .....	\$ 1,387.48
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	\$ 1,387.48
	\$ 1,387.48

**Fire Department. Maintenance**  
Cr.

Appropriation .....	\$ 4,907.00
Transferred from Reserve Fund .....	239.78
	Dr.
Aga Auto Lamp Co. ....	\$ 46.21
American Gear Co. ....	15.68
Am. Ry. Exp. Co. ....	206.77
Archibald Wheel Co. ....	1.20
J. W. Austin ....	10.35
W. Bancroft Co. ....	233.00
Bangs Fixture Co. ....	1.00
G. E. Belcher Machine Co. ....	33.83
Boston & Maine Railroad ....	.51
Boston Nickel Plating Co. ....	25.00
Central Garage ....	2.65
Chandler & Farquhar Co. ....	1.38
Chapman Valve Co. ....	13.50
M. F. Charles ....	1.25
Chase & Finnegan ....	10.00
Clapp & Leach ....	3.47
H. O. Copeland & Co. ....	14.15
Cummings Exp. Co. ....	22.80
E. B. Currell & Son ....	2.00
Danforth's Pharmacy ....	3.35
George W. Davis Co. ....	44.85
C. L. Deming ....	.28
L. W. Dickinson & Son ....	314.95
Dodge-Haley Co. ....	3.12
Emily M. Eames ....	3.50
Hugh L. Eames ....	75.00
M. A. Esner ....	4.95
T. C. Fife ....	83.92
Fire Prevention ....	1.00
Fire & Water Eng. ....	4.00
Francis Bros. ....	70.22
Gibby Foundry Co. ....	30.52
Gifford-Wood Co. ....	1.24
Gray-Aldrich Co. ....	170.41
Hodson Bros. ....	18.48
R. M. Hollingshead & Co. ....	7.50
C. L. Jeans & Co. ....	23.77
John Street Garage ....	3.20
Kenney's Service Station ....	26.09
William T. King ....	10.00
Knox Motor Associates ....	198.19
C. F. Kress & Sons ....	115.00

J. A. LeFave .....	15.90
Morris Levine .....	.50
J. H. Long Machine Co. ....	13.71
Lumsden & Van Stone Co. ....	9.90
Lungmotor Corp'n .....	29.21
Malden & Melrose Gas Light Co. ....	48.21
G. W. Marshall .....	2.70
J. M. Maxwell, Jr., & Son .....	8.95
Melrose Radiator Hospital .....	25.00
Merrimac Chemical Co. ....	7.64
Metcalf Store .....	1.04
A. S. Morse Co. ....	.85
C. A. Mosso Laboratories .....	12.25
Motor Parts Co. ....	47.31
C. W. H. Moulton Co. ....	8.00
Municipal Light Dept. ....	13.14
Howard Murphy .....	51.38
N. E. Fire Appliance Co. ....	278.95
N. E. Tel. & Tel. Co. ....	106.77
D. O. Miller Co. ....	.15
North Main Street Garage .....	.90
North Reading Wagon Co. ....	67.05
O. O. Ordway .....	9.60
Joseph Palmer .....	35.39
Reading Custom Laundry .....	110.93
Reading Garage & Service Station .....	1.50
Reading Motor Co. ....	2.97
Reading Tire Shop .....	630.80
Peter Robertson .....	24.00
Ross Gloss Co. ....	2.77
Sanitas Mfg. Co. ....	26.00
P. J. Seaman .....	7.16
F. F. Smith .....	13.46
Standard Oil Co. ....	220.50
S. R. Stembridge Co. ....	26.85
Stoneham Battery Station .....	57.00
Mrs. Adolph Turner .....	1.25
W. E. & J. F. Twombly .....	10.50
Underwriters Equipment Co. ....	1,062.68
F. Wallace .....	36.42
Walworth Mfg. Co. ....	.25
Water Department .....	6.00
Wetmore-Savage Co. ....	85.13
White Company .....	143.67
A. J. Wilkinson & Co. ....	7.90
Winship, Boit & Co. ....	16.25
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	\$ 5,146.78
	\$ 5,146.78

**Fire Department. Salaries**

Cr.

Appropriation .....	\$ 9,686.86
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Dr.

Pay Roll .....	\$ 9,686.86
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	\$ 9,686.86 \$ 9,686.86

**Fire Department. Call Men Salaries**

Cr.

Appropriation .....	\$ 2,690.00
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Dr.

Pay Roll .....	\$ 2,690.00
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	\$ 2,690.00 \$ 2,690.00

**Fire Alarm Maintenance**

Cr.

Appropriation .....	\$ 700.00
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Dr.

Pay Roll .....	\$ 147.00
H. L. Eames .....	71.24
Am. Ry. Exp. Co. ....	.72
W. Bancroft & Co. ....	4.78
M. F. Charles .....	5.80
Clapp & Leach .....	2.92
E. B. Currell & Son .....	22.50
L. W. Dickinson & Son .....	2.50
Electric Paint & Varnish Co. ....	14.44
Fellows & Co. ....	20.70
T. C. Fife .....	19.35
Francis Bros. ....	22.49
Gamewell Fire Alarm Tel. Co. ....	151.07
Hodson Bros. ....	2.78
R. H. Jackson .....	8.80
John Street Garage .....	.60
D. O. Miller Co. ....	1.04
R. Mitchell Co. ....	16.82
Municipal Light Dept. ....	82.51
R. J. MacDonald .....	18.00
Reading Tire Shop .....	2.90
F. F. Smith .....	5.10
S. R. Stemberger Co. ....	10.80
W. E. & J. F. Twombly .....	5.00

Western Electric Co.	27.78
A. J. Wilkinson & Co.	.33
F. Wallace	5.50
 Total Payments	673.47
Balance to Revenue	26.53
 \$ 700.00	\$ 700.00

**Moth Department**

Cr.	Dr.
Appropriation	\$ 6,800.00
 Pay Roll	\$ 4,676.39
Allen Bros.	.75
W. Bancroft & Co.	8.25
William C. Barrett	2.75
Bates Motor Co.	490.70
Joseph Breck & Sons	14.21
Samuel Cabot	9.70
Central Garage	66.10
Clinton W. Crafts	21.00
Cummings Express Co.	50.49
L. W. Dickinson & Son	9.90
Dodge-Haley Co.	10.98
H. M. Donegan	97.02
T. C. Fife	4.23
Francis Brothers	34.28
Frost Insecticide Co.	39.40
Golden State Sales Corp'n	15.68
Green Gate Filling Station	88.47
C. L. Jeans & Co.	193.75
John Street Garage	18.00
Frank Kenney	20.00
Kenney's Service Station	40.52
John Lucas & Co.	795.06
N. E. Tel. & Tel. Co.	25.14
Reading Tire Shop	12.75
W. E. Steinhour	8.80
S. R. Stembridge Co.	29.57
W. E. & J. F. Twombly	11.91
 Total Payments	6,795.80
Balance to Revenue	4.20
 \$ 6,800.00	\$ 6,800.00

**Tree Warden**

Cr.

Appropriation .....	Dr.	\$ 1,500.00
Pay Roll .....	\$ 835.87	
W. Bancroft & Co. ....	3.40	
K. M. Bangs .....	12.00	
William C. Barrett .....	23.15	
H. W. Batchelder .....	19.50	
Joseph Breek & Sons .....	82.69	
Cherry Hill Nurseries .....	258.50	
Cummings Express .....	1.00	
H. I. Dallman Co. ....	48.71	
H. M. Donegan .....	50.00	
Francis Bros. ....	49.49	
William R. Livingstone .....	12.00	
Reading Tire Shop .....	58.00	
P. J. Seaman .....	8.05	
F. F. Smith .....	4.80	
W. E. & J. F. Twombly .....	5.25	
Zanni & Co. ....	26.00	
		1,498.41
Total Payments .....		1,498.41
Balance to Revenue .....		1.59
		\$ 1,500.00 \$ 1,500.00

**Forest Warden**

Cr.

Appropriation .....	Dr.	\$ 500.00
Pay Roll .....	\$ 14.50	
H. M. Donegan .....	15.00	
Reading Tire Shop .....	9.00	
S. R. Stembridge Co. ....	9.79	
T. C. Fife .....	1.00	
Underwriters Equipment Co. ....	246.70	
Reading Motor Co. ....	3.22	
James Williams .....	.50	
N. E. Fire Appliance Co. ....	18.07	
Sanborn Hill Service Station .....	11.25	
J. J. Cameron .....	6.00	
J. W. Austin .....	13.40	
		348.43
Total Payments .....		348.43
Balance to Revenue .....		151.57
		\$ 500.00 \$ 500.00

**Hydrant Rentals**

Cr.

Appropriation .....	\$ 6,240.00
Dr.	
Water Department .....	\$ 6,240.00
	\$ 6,240.00 \$ 6,240.00

**Drinking Fountains**

Cr.

Appropriation .....	\$ 100.00
Dr.	
Water Department .....	\$ 100.00
	\$ 100.00 \$ 100.00

**Inspector of Buildings**

Cr.

Appropriation .....	\$ 300.00
Dr.	
George H. Sidebottom .....	\$ 100.00
A. Russell Barnes .....	200.00
	\$ 300.00 \$ 300.00

**Inspector of Wires. Salary**

Cr.

Appropriation .....	\$ 100.00
Dr.	
Arthur G. Sias .....	\$ 100.00
	\$ 100.00 \$ 100.00

**Sealer of Weights and Measures. Salary**

Cr.

Appropriation .....	\$ 400.00
Dr.	
Carl M. Smith .....	\$ 400.00
	\$ 400.00 \$ 400.00

**Sealer of Weights and Measures. Expenses**

Cr.

Appropriation .....	\$ 100.00
Dr.	
W. H. Booth .....	\$ 5.00
W. & L. E. Gurley .....	13.74

Hobbs & Warren .....	7.37
D. O. Miller Co. ....	1.10
Carl M. Smith .....	40.00
S. R. Stembridge .....	25.00
	_____
Total Payments .....	92.21
Balance to Revenue .....	7.79
	_____
	\$ 100.0'

**Board of Health. Salaries**

Cr.

Appropriation .....	Dr.			
Christine F. Atkinson .....		\$		\$ 250
E. M. Halligan, M. D. ....				
C. H. Playdon .....			100.00	
		\$	75.00	
			75.00	

**Board of Health. Expenses**

Cr.

Appropriation .....	Dr.			
American Railway Exp. Co. ....		\$		\$ 700.00
Chase & Finnegan .....				
George L. Flint .....		\$	7.51	
Donald Goodwin .....		..	1.00	
M. V. Harrington .....		..	200.00	
John Murray .....		..	.50	
National Coat & Apron Supply Co. ....		..	50.00	
N. E. Tel. & Tel. Co. ....		..	27.63	
W. E. & J. F. Twombly .....		..	8.43	
David Whelton .....		..	32.69	
		..	36.13	
Total Payments .....		..	27.63	
Balance to Revenue .....			391.52	
			308.48	

**Inspector of Pl****umbering. Salary**

\$ 700.00 \$ 700.00

Appropriation .....	Dr.			
David Taggart .....		\$	700.00	
		\$	700.00	
		\$	700.00	
		\$	700.00	

**Inspector of Animals. Salary**  
Cr.

Appropriation .....		\$ 200.00
	Dr.	
Calvert H. Playdon .....	\$ 200.00	<hr/>

	\$ 200.00	\$ 200.00
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**Inspector of Milk. Salary**  
Cr.

Appropriation .....		\$ 100.00
	Dr.	
Carl M. Smith .....	\$ 100.00	<hr/>

	\$ 100.00	\$ 100.00
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**Care Contagious Diseases**  
Cr.

Appropriation .....		\$ 1,200.00
Transfer from Revenue Fund .....		220.76
	Dr.	
Adams Company .....	\$ 17.42	
City of Cambridge .....	5.00	
Chase & Finnegan .....	6.75	
Edgerly & Bessom .....	18.00	
City of Haverhill .....	26.00	
Int. Chem. Co. .....	38.22	
City of Malden .....	314.50	
Mass. Char. Eye & Ear Inf. .....	58.60	
Mass. Homeopathic Hospital .....	153.50	
F. L. Smalley, M. D. .....	108.84	
North Reading State San. .....	651.41	
Mrs. C. C. White .....	20.02	
W. H. Willis .....	2.50	
	<hr/>	<hr/>
	\$ 1,420.76	\$ 1,420.76

**Garbage Collection**  
Cr.

Appropriation .....		\$ 2,438.70
	Dr.	
.Joseph Farpella .....	\$ 1,238.70	
Silas H. Carroll .....	1,197.00	
H. R. Jones .....	3.00	
	<hr/>	<hr/>
	\$ 2,438.70	\$ 2,438.70

**SEWER DEPARTMENT**  
**Construction and Maintenance**

## Cr.

Balance from 1923 .....	\$ 11,436.88
Bonds Issued .....	22,000.00
Premium and Accrued Interest .....	120.51
Betterment Assessments, Interest and Rentals ..	11,255.82

## Dr.

Pay Roll .....	\$ 1,863.04
Insurance .....	205.22
Abbott & McKay .....	14.88
Adams Company .....	.30
Am. Bank Note Co. ....	98.00
Louis Balboni .....	828.00
W. Bancroft & Co. ....	2.70
Barbour & Dixon .....	1,924.10
F. W. Barry Beale & Co. ....	6.41
Berger Mfg. Co. ....	46.04
Boston & Maine Railroad .....	1,831.01
Clinton Foundry Co. ....	445.05
Creditors' Nat'l Clearing House .....	2.07
Cummings Exp. Co. ....	7.70
E. B. Currell & Son .....	.87
C. L. Deming .....	1.00
Elliott Co. ....	6.53
T. C. Fife .....	.35
Francis Bros. ....	.75
Globe Newspaper Co. ....	15.60
A. D. Gordon .....	12.00
Hutchins & Wheeler .....	50.00
Lovewell-Henrict Co. ....	109.80
C. A. Mosso Laboratories .....	6.75
Reading Motor Co. ....	85.68
Reading Rubber Mfg. Co. ....	31.50
Reading Tire Shop Co. ....	2.25
Reg. of Motor Vehicles .....	16.00
Reliance Ribbon & Carbon Co. ....	12.25
F. F. Smith .....	.95
Standard Oil Co. ....	53.00
S. R. Stembridge Co. ....	30.25
Percy N. Sweetser .....	174.00
Angelo Sussi .....	15,851.93
Thorp & Martin Co. ....	6.17
W. E. & J. F. Twomly .....	25.05

U. S. Post Office .....	2.08
Waldo Bros. & Bond Co. ....	3,333.88
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Total Payments .....	27,103.16
Balance to 1925 .....	17,710.05
<hr/>	<hr/>
	\$ 44,813.21
	\$ 44,813.21

**SEWER DEPARTMENT****House Connections**

Cr.

Balance from 1923 .....	\$ 1,195.70
Guarantee Deposits .....	7,663.18

Dr.

Refunds .....	\$ 511.68
Pay Roll .....	1,137.93
Am. Ry. Exp. Co. ....	1.62
Louis Balboni .....	1,351.67
W. Bancroft & Co. ....	30.00
Barbour & Dixon .....	290.05
F. A. Bessom .....	1.50
Boston & Maine Railroad .....	2.93
Braman, Dow & Co. ....	2.60
Chase's Auto Exp. Co. ....	.75
Cummings Exp. Co. ....	20.00
Curry Bros. Oil Co. ....	16.63
T. C. Fife .....	2.74
Lumsden & Van Stone Co. ....	155.99
O. O. Ordway .....	82.15
Reading Motor Co. ....	26.37
Reading Rubber Mfg. Co. ....	50.75
Reading Tire Shop .....	32.75
F. F. Smith .....	361.32
S. M. Spencer Mfg. Co. ....	4.97
Standard Oil Co. ....	75.45
Sullivan Machine Co. ....	53.60
Angelo Sussi & Co. ....	3,195.75
Percy N. Sweetser .....	50.35
Waldo Bros. & Bond Co. ....	173.34
Water Department .....	6.81
Zanni & Co. ....	3.00
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Total Payments .....	7,642.70
Balance to 1925 .....	1,216.18
<hr/>	<hr/>
	\$ 8,858.88
	\$ 8,858.88

**HIGHWAY DEPARTMENT****Cr.**

Appropriation .....	\$ 50,000.00
Employers' Liability Co. .....	98.29

**Dr.**

Pay Roll .....	\$ 15,914.03
Abbott & McKay .....	3.54
American Gas & Oil Co. .....	12.67
Autocar Sales & Service Co. .....	133.79
Louis Balboni .....	768.09
W. Bancroft & Co. .....	74.70
Barber Asphalt Co. .....	53.24
Barrett Co. .....	18,629.55
Blue Print Co. .....	.64
Boston Elevated Ry. Co. .....	75.00
Boston & Maine Railroad .....	230.24
Buffalo-Springfield Roller Co. .....	88.62
Castner, Curran & Bullitt, Inc. .....	300.02
Antony Cefalo .....	593.09
Clinton Foundry Co. .....	345.00
Cummings Express Co. .....	34.80
E. B. Currell & Son .....	38.00
Curry Bros. Oil Co. .....	63.04
H. I. Dallman Co. .....	42.32
Davis & Abbott .....	138.42
L. W. Dickinson & Son .....	32.90
Eastern Tractor Co. .....	14.20
T. C. Fife .....	.38
Francis Brothers .....	3.75
General Crushed Stone Co. .....	3,145.03
W. F. Haskell .....	21.65
Hodges & Co. .....	8.08
Hodson Brothers .....	86.92
Kenney's Service Station .....	4.02
Emma S. Knowles .....	125.50
George E. Lang .....	23.26
Lumsden & Van Stone Co. .....	5.86
Middlesex County House of Correction .....	9.96
Montrose Filling & Service Station .....	394.55
Municipal Light Department .....	44.21
John F. McDonough .....	1,748.46
Samuel Nareus .....	4.66
C. Irving Nesmith .....	57.50
New England Road Machine Co. .....	6.90
N. E. Tel. & Tel. Co. .....	67.98
Frank L. Noble .....	40.90

Dana F. Perkins .....	42.32
T. Quigley, Jr. ....	1,799.50
Reading Garage & Service Station .....	.90
Reading Motor Co. ....	278.90
Reading Tire Shop .....	1,241.55
Registry of Motor Vehicles .....	12.00
F. F. Smith .....	47.36
Alden Speare & Sons' Co. ....	1,359.79
Standard Oil Co. ....	828.70
S. R. Stembridge Co. ....	119.27
P. N. Sweetser .....	531.08
W. E. & J. F. Twombly .....	3.38
Waldo Bros. & Bond Co. ....	241.77
Yawman & Erbe Mfg. Co. ....	12.80
Total Payments .....	49,904.79
Balance to Revenue .....	193.50
	\$ 50,098.29
	\$ 50,098.29

**Removal Snow and Ice****Cr.**

Appropriation .....	\$ 4,000.00
Transferred from Reserve Fund .....	737.85

**Dr.**

Pay Roll .....	\$ 2,643.23
Comm. of Mass., Plowing .....	268.73
Sundry Parties, Plowing .....	945.50
Am. Railway Exp. Co. ....	3.29
Autocar Sales & Service Co. ....	192.19
Boston & Maine Railroad .....	23.32
W. E. Clark & Co. ....	70.87
Cummings Exp. Co. ....	7.00
E. B. Currell & Son .....	10.20
Eastern Tractors Co. ....	384.10
Francis Brothers .....	9.57
Good Roads Machine Co. ....	26.03
Kenney's Service Station .....	14.16
P. J. Seaman .....	2.00
F. F. Smith .....	6.60
Standard Oil Co. ....	120.58
S. R. Stembridge Co. ....	10.48

\$ 4,737.85 \$ 4,737.85

**Cleaning Drainage Ditches**

Cr.	Dr.	Cr.	Dr.
Appropriation .....			\$ 3,000.00
			Dr.
Pay Roll .....	\$ 710.43		
Louis Balboni .....	495.53		
Berger Mfg. Co. ....	1,547.02		
A. D. Gordon .....	6.00		
P. J. Seaman .....	2.75		
Percy N. Sweetser .....	20.40		
Waldo Bros. & Bond Co. ....	62.02		
	<hr/>		
Total Payments .....	2,844.15		
Balance to Revenue .....	155.85		
	<hr/>		
	\$ 3,000.00	\$ 3,000.00	

**High Street Drain**

Cr.	Dr.	Cr.	Dr.
Appropriation .....			\$ 20,000.00
Refund .....			.97
			Dr.
Pay Roll .....	\$ 1,095.11		
Barbour & Dixon .....	1,365.36		
Barrett Co. ....	1,083.75		
Boston & Maine Railroad .....	13.25		
Boston Traveler Pub. Co. ....	14.70		
Antony Cefalo .....	14,577.62		
Clinton Foundry Co. ....	158.29		
General Crushed Stone Co. ....	585.44		
Hodson Bros. ....	.40		
H. W. Hunt Co. ....	19.31		
Lumsden & Van Stone Co. ....	206.19		
John F. McDonough .....	641.25		
Reading Tire Shop .....	157.00		
Standard Oil Co. ....	38.23		
S. R. Stemberidge Co. ....	45.07		
	<hr/>		
	\$ 20,000.97	\$ 20,000.97	

**Street Lighting**

Cr.	Dr.	Cr.	Dr.
Appropriation .....			\$ 12,000.00
			Dr.
Municipal Light Department .....	\$ 12,000.00		
	<hr/>		
	\$ 12,000.00	\$ 12,000.00	

## DEPARTMENT OF PUBLIC WELFARE

Cr.

Appropriation .....	\$ 5,000.00
Transferred from Reserve Fund .....	64.70

Dr.

Cash Payments .....	\$ 2,445.00
Board .....	280.00
Rent .....	553.00
Boston Psych. Hospital, Board .....	444.00
G. H. Atkinson, Groceries .....	156.23
W. Baneroff & Co., Fuel .....	56.55
L. G. Bent, Expenses .....	14.25
Helen A. Brown, Expenses .....	58.25
William J. Brown, M. D. .....	36.00
Chase & Finnegan, Clothing .....	4.75
Comm. of Mass., Div. of Child Guardianship .....	379.86
George F. Dow, M. D. .....	5.00
Edgerley & Bessom, Ambulance Service .....	15.00
A. D. Gordon .....	5.00
Indian Head Farm, Milk .....	154.20
Mass. State Prison .....	1.57
Reading Dental Clinic .....	2.35
Clyde M. Simonds, Taxi Service .....	10.00
Simpkins Market, Supplies .....	163.40
F. L. Smalley, M. D. .....	78.00
Percy N. Sweetser, Fuel .....	111.75
O. P. Symonds, Fuel .....	4.00
A. W. Temple .....	8.00
F. Wallace, Groceries .....	78.54
	_____
	\$ 5,064.70
	\$ 5,064.70

## Clerical

Cr.

Appropriation .....	\$ 352.00
Leon G. Bent .....	\$ 352.00
	_____
	\$ 352.00
	\$ 352.00

## Visitor's Salary

Cr.

Appropriation .....	\$ 400.00
Helen A. Brown .....	\$ 400.00
	_____
	\$ 400.00
	\$ 400.00

**Board and Care**

Cr.

Appropriation .....	\$ 2,500.00
Dr.	
C. L. Deming .....	\$ 2,059.48
C. L. Deming .....	.50
Adams Co., Clothing .....	26.06
F. A. Bessom .....	2.00
Municipal Light Department .....	34.36
N. E. Tel. & Tel. Co. .....	45.30
E. D. Richmond M. D. .....	12.00
F. L. Smalley, M. D. .....	29.00
Water Department .....	45.75
W. H. Willis, Medicine .....	19.65
<hr/>	
Total Payments .....	2,274.10
Balance to Revenue .....	225.90
<hr/>	
	\$ 2,500.00
	\$ 2,500.00

**Mothers' Aid**

(Chapter 118, General Laws)

Cr.

Appropriation .....	\$ 4,000.00
Dr.	
Cash payments .....	\$ 3,298.00
W. Bancroft & Co., Fuel .....	13.00
Helen A. Brown, Expenses .....	30.50
F. W. Cail, Milk .....	42.66
Louis DeWolfe .....	35.00
George F. Dow, M. D. .....	5.00
E. M. Halligan, M. D. .....	23.00
Indian Head Farm, Milk .....	97.01
Reading Dental Clinic .....	2.35
S. D. Rounds, D. M. S. .....	27.79
F. L. Smalley, M. D. .....	25.00
P. N. Sweetser, Fuel .....	158.00
<hr/>	
Total Payments .....	3,757.31
Balance to Revenue .....	242.69
<hr/>	
	\$ 4,000.00
	\$ 4,000.00

**Temporary Aid**(Chapter 117, General Laws,  
Cr.

Appropriation .....	\$ 2,000.00
Transferred from Reserve Fund .....	21.45

**Dr.**

Cash Payments .....	\$ 1,352.00
Rent .....	444.00
W. Baneroff & Co., Fuel .....	112.50
F. E. Bronson .....	12.00
Helen A. Brown, Expenses .....	3.55
William J. Brown, M. D. ....	35.00
Reading Dental Clinic .....	5.65
P. N. Sweetser, Fuel .....	53.75
O. P. Symonds & Sons, Fuel .....	3.00
	-----
	\$ 2,021.45
	\$ 2,021.45

**State Aid****Cr.**

Appropriation .....	\$ 500.00
	-----
Payments Account, Civil War .....	\$ 402.00
Balance to Revenue .....	98.00
	-----
	\$ 500.00
	\$ 500.00

**Soldiers' Relief****Cr.**

Appropriation .....	\$ 3,000.00
Refund .....	20.00

**Dr.**

## Soldiers' Relief, Cash Payments:

Civil War .....	\$ 684.00
Spanish War .....	1,041.00
World War .....	560.00
Board, Acet. World War .....	225.00
Rent, Acet. World War .....	240.00
W. Baneroff & Co., Fuel, Acet. World War .....	4.65
L. G. Bent, Expenses, Acet. World War .....	1.65
E. M. Halligan, M. D., Acet. World War .....	25.00
Malden Hospital, Acet. World War .....	27.00
	-----
Total Payments .....	2,808.30
Balance to Revenue .....	211.70
	-----
	\$ 3,020.00
	\$ 3,020.00

**SCHOOL DEPARTMENT****General Maintenance****Cr.**

Appropriation .....	\$ 37,822.50
Insurance .....	650.00

**Dr.**

George H. Adams .....	\$ 800.00
Adams Co. ....	13.52
Allen Shade & Holder Co. ....	175.70
Allyn & Bacon ....	116.54
American Book Co. ....	188.64
Am. Educational Digest ....	3.00
Am. Railway Express Co. ....	14.74
Am. Type Founders Co. ....	37.04
Andrews Paper Co. ....	95.00
Arts Publishing Co. ....	10.40
D. Appleton & Co. ....	11.18
G. H. Atkinson Co. ....	18.27
Atlantic Monthly Press ....	2.95
E. V. Atwood ....	1.00
O. W. Austin ....	3.00
E. E. Babb & Co. ....	655.49
Judge Baker Foundation ....	2.50
W. Bancroft & Co. ....	55.71
K. M. Bangs ....	56.25
M. Barrows Co. ....	43.82
F. J. Barnard ....	135.05
Board of Education, St. Cloud, Minn. ....	43.50
Boston Metal Ceiling Co. ....	484.00
Milton Bradley Co. ....	372.50
Joseph Breck & Sons ....	6.60
Mabel M. Brown ....	24.65
Bruce Publishing Co. ....	8.58
W. A. Burns ....	58.25
F. A. Butters ....	1.50
Cambridge Botanical Supply Co. ....	8.91
Central Scientific Co. ....	55.71
Century Co. ....	4.07
M. F. Charles ....	7.25
Clapp & Leach ....	345.28
Henry N. Clark Co. ....	11.68
Classical Weekly ....	4.00
Winifred Cochrane ....	1.75
College Blue Book ....	6.00
College Entrance Examination Book ....	.25
F. M. Crosby ....	91.00

Thomas Y. Crowell Co.	2.93
Cummings Express Co.	138.23
E. B. Currell & Son	.79
H. I. Dallman Co.	386.03
Mathew Devaney	142.00
C. L. Deming	1.65
Denoyer-Geppert Co.	85.23
Devoe, Raynolds Co.	45.00
Oliver Ditson Co.	30.02
Dodd, Mead & Co.	11.54
G. B. Dolge Co.	71.40
Doubleday-Page Co.	4.00
Andrew Dutton Co.	20.85
E. P. Dutton Co.	2.48
Eastern Mass. St. Ry.	1,900.00
Estabrook Steel Pen Co.	23.46
J. Farquhar's Sons, Inc.	2,152.19
T. C. Fife	2,669.38
A. Flanagan Co.	10.55
Francis Brothers	217.26
C. E. Gray	4.00
Ginn & Co.	742.52
Clement Gleason	4.00
Gregg Publishing Co.	12.14
Gregg Writer	2.00
J. L. Hammette Co.	1,521.87
Harcourt, Brace Co.	1.80
R. H. Harris	15.00
Harris & Gilpatric	263.70
Harvard Co-op. Society	2.71
Harvard University Press	10.50
Norman C. Hayner Co.	162.31
D. C. Heath & Co.	179.17
Hercules Kalon Co.	12.50
Heywood-Wakefield Co.	662.65
Edgar Hinton	30.00
Hodson Brothers	1,290.22
G. E. Horrocks	.35
Houghton, Mifflin Co.	202.06
Howe & French, Inc.	134.51
Iroquois Publishing Co.	2.78
R. H. Jackson	38.20
Walter B. Jacobs, Treasurer	2.00
F. J. Jamesson	38.08
Jewell & Andrews	65.30
Jones, McDuffee & Stratton Co.	28.55
Jordan, Marsh Co.	39.00

Journal of Education .....	3.00
William Kelch .....	5.00
Kenney Bros. & Wolkins .....	60.46
L. E. Knott Appl. Co. ....	13.55
Rita Lahaise .....	.70
Charles E. Lauriat Co. ....	68.09
B. J. Leathers .....	23.50
Library Bureau .....	253.21
J. B. Lippincott Co. ....	2.00
Little, Brown & Co. ....	72.21
Lyone & Carnahan .....	140.71
C. M. MacDougall .....	10.50
Jennie Mackie .....	1.95
Macmillan Co. ....	73.88
E. F. Mahady Co. ....	7.95
Malden & Melrose Gas Light Co. ....	186.22
City of Manchester .....	37.50
W. H. Manning .....	6.00
Marine Biological Laboratory .....	25.00
G. W. Marshall .....	1.50
Massachusetts T. B. League .....	27.00
Massachusetts Forestry Association .....	20.00
Masury, Young & Co. ....	91.25
J. M. Maxwell, Jr., & Son .....	636.73
H. B. McArdle .....	372.42
McIntosh Publishing Co. ....	50.45
McKnight & McKnight .....	82.56
Charles E. Merrill Co. ....	70.93
Robert M. Merritt .....	2.00
H. M. Meserve Co. ....	33.25
Middlesex County .....	37.15
D. O. Miller & Co. ....	7.30
H. F. Miller & Sons Piano Co. ....	10.00
Abigail H. Mingo .....	2.50
Modern Publishing Co. ....	2.50
Municipal Light Department .....	968.54
J. A. Murphy .....	17.50
National Case & Carton Co. ....	10.00
Nat. Com. for Mental Hygiene .....	3.00
Nat. Educational Association .....	5.00
F. W. Nelson .....	48.00
Neostyle Sales Agency .....	7.99
N. E. Seale Co. ....	24.76
N. E. Tel. & Tel. Co. ....	410.27
N. E. Voc. Guidance Association .....	2.00
Robert Newhall .....	.80
Noble & Noble .....	1.60

North Wilmington Nurseries .....	5.00
Office Appliance Co. ....	11.10
Old Corner Book Store .....	41.75
F. A. Owen Publishing Co. ....	6.60
Parker & Page Co. ....	56.55
Horace Partridge Co. ....	13.30
Peerless Supply Co. ....	110.00
William Pierpont .....	3.00
Dana F. Perkins .....	104.00
Pettingell-Andrews Co. ....	15.11
Plymouth Press .....	4.20
Frederick J. Pope .....	.70
Popular Science Monthly .....	1.60
Progressive Educational Association .....	2.00
Public School Publishing Co. ....	53.81
W. F. Quarrie & Co. ....	2.70
Rand, McNally Co. ....	12.22
George P. Raymond Co. ....	14.50
Reading Citizens Ice Co. ....	.90
Reading Custom Laundry .....	12.67
Reading Greenhouses and Nurseries .....	6.99
Reliance Ribbon & Carbon Co. ....	9.00
Waldo Reed .....	1.05
Remington Typewriter Co. ....	120.00
Ronald Press .....	1.00
H. M. Rowe Co. ....	1.55
Royal Typewriter Co. ....	570.00
Russell Sage Foundation .....	1.00
Ryan & Buker .....	293.42
B. H. Sanborn & Co. ....	27.32
School Arts Magazine .....	3.00
Science Press .....	5.00
Charles Scribner's Sons .....	136.96
Scott, Foresman & Co. ....	158.17
I. J. Seaman .....	3.25
Sewer Department .....	671.10
H. A. Shepard & Co. ....	6.47
Silver, Burdette & Co. ....	77.91
Albert Simpson .....	1.00
Charles N. Smart .....	6.06
Emma Smedley .....	3.00
F. F. Smith .....	22.85
Song Shop .....	1.90
Standard Electric Time Co. ....	5.00
Stewart & Robertson .....	1,708.61
Harry D. Stokes .....	922.00
Stone & Forsythe Co. ....	118.22

The Survey .....	23.75
Percy N. Sweetser .....	9,560.83
O. P. Symonds & Sons .....	18.00
L. T. Tarpin .....	1.71
W. E. & J. F. Twombly .....	329.82
Underhay Co. .....	16.35
Underwood Typewriter Co. .....	1.20
Ungraded Teachers Association .....	1.50
Univ. of Chicago, Dept. of Ed. .....	2.50
Univ. of Chicago Press .....	4.32
University Supply Book Co. .....	4.57
U. S. Post Office .....	41.12
Inglis Van Buskirk .....	2.75
J. B. Van Buskirk .....	3.00
Voc. Ed. Magazine .....	3.00
Wales Adding Machine Co. .....	6.77
F. Wallace .....	4.90
Ward's Stationery .....	2.10
Water Department .....	749.75
Webster Publishing Co. .....	2.85
Wensell & Co. .....	27.50
Brooks C. White .....	5.46
R. H. White Co. .....	9.45
F. C. Whittemore .....	20.80
Williams Bookstores Co. .....	27.00
W. H. Willis .....	14.57
A. J. Wilkinson & Co. .....	19.20
H. W. Wilson Co. .....	27.00
J. C. Winston Co. .....	343.11
Dr. Thomas D. Wood, Chr. .....	1.59
World Book Co. .....	342.79
Wright & Potter Printing Co. .....	4.09
Mary U. Yaffe .....	34.00
Yale University Press .....	2.30
Zanni & Co. .....	152.56
 Total Payments .....	 38,467.37
Balance to Revenue .....	5.13
 \$ 38,472.50	 \$ 38,472.50

## SCHOOL DEPARTMENT

## General Salaries

Cr.

Appropriation .....	\$113,176.58
Refunds .....	109.00

Dr.	
Supt. and Teachers' Pay Roll .....	\$ 99,367.94
Janitors .....	8,143.00
Mass. Teachers' Retirement Fund .....	3,661.75
Medical Inspection .....	500.00
School Nurse .....	1,500.00
	<hr/>
Total Payments .....	113,172.69
Balance to Revenue .....	112.89
	<hr/>
	\$113,285.58    \$113,285.58

## Agricultural School Department. Maintenance

Cr.	
Appropriation .....	\$ 500.00

Dr.	
Allen Shade & Holder Co. ....	\$ 91.97
Allyn & Bacon .....	3.08
Joseph Breck & Sons .....	6.47
Bruce Publishing Co. ....	3.00
Central Scientific Co. ....	3.55
Congregational Publishing Society .....	1.75
Doubleday, Page & Co. ....	3.00
Francis Bros. ....	2.43
Ginn & Co. ....	26.73
Harper Bros. ....	2.61
Hill, Smith & Co. ....	6.15
Hoard's Dairyman .....	2.00
Hodson Brs. ....	31.78
Houghton, Mifflin Co. ....	79.00
Jewell & Andrews .....	16.50
Charles E. Lauriat Co. ....	7.25
J. B. Lippincott Co. ....	2.00
Market Growers' Journal .....	1.50
Municipal Light Department .....	70.76
Macmillan Co. ....	61.05
M. F. Charles .....	3.10
Old Corner Bookstore .....	2.25
Oliver Ditson Co. ....	1.26
Orange-Judd Pub. Co. ....	3.95
Rand, McNally Co. ....	1.88
Reading Greenhouses & Nurseries .....	4.70
Rural Pub. Co. ....	1.00
F. F. Smith .....	1.60
The Survey .....	5.00
Univ. of Chicago .....	2.50

John Wiley & Sons, Inc.	4.60
A. J. Wilkinson & Co.	4.16
H. W. Wilson Co.	6.00
World Book Co.	1.65
Wright, Zeigler Co.	4.95
	_____
Total Payments	471.18
Balance to Revenue	28.82
	_____
	\$ 500.00 \$ 500.00

**Agricultural School Department. Salaries**

Cr.	
Appropriation	\$ 4,500.00
Dr.	
Pay Roll	\$ 3,907.59
Balance to Revenue	592.41
	_____
	\$ 4,500.00 \$ 4,500.00

**SCHOOL DEPARTMENT**

Industrial Tuition Cr.	
Appropriation	\$ 800.00
Dr.	
City of Boston	\$ 312.76
City of Somerville	266.62
Town of Wakefield	96.50
	_____
Total Payments	675.88
Balance to Revenue	124.12
	_____
	\$ 800.00 \$ 800.00

**PUBLIC LIBRARY**

Maintenance Cr.	
Appropriation	\$ 2,950.06
Dr.	
F. J. Barnard & Co.	\$ 66.64
R. R. Bowker	7.50
Edward A. Brown	100.00
Bertha L. Brown	26.00
Clapp & Leach	8.70
E. A. Crosby	39.25

E. B. Currell & Son .....	100.75
T. C. Fife .....	10.25
Ginn & Company .....	5.71
H. R. Hunting Co. ....	664.91
Highway Department .....	12.52
William Kelch .....	8.28
Library Bureau .....	26.79
H. B. McArdle .....	10.50
Municipal Light Department .....	299.79
Old Corner Book Store .....	1,178.50
Sewer Department .....	7.20
W. E. & J. F. Twombly .....	86.20
Water Department .....	8.10
H. W. Wilson Co. ....	40.50
 Total Payments .....	2,708.09
Balance to Revenue .....	241.91
 \$ 2,950.00	\$ 2,950.00

**PUBLIC LIBRARY**

Salaries	
Cr.	
Appropriation .....	\$ 2,250.00
 Dr.	
Bertha L. Brown, Librarian .....	\$ 900.00
Grace J. Abbott, Asst. Librarian .....	550.00
Charles H. Stinchfield, Janitor .....	420.00
Various Parties, Clerical .....	375.20
 Total Payments .....	2,245.20
Balance to Revenue .....	4.80
 \$ 2,250.00	\$ 2,250.00

**PARK DEPARTMENT**

Cr.	
Dr.	
Appropriation .....	\$ 2,750.00
 Pay Roll:	
Maintenance .....	\$ 553.83
Supervised Play .....	613.03
W. Bancroft & Co. ....	11.95
Charles A. Berry .....	136.50
Cummings Express Co. ....	.85
H. L. Eames .....	10.00
T. C. Fife .....	14.25

Francis Brothers .....	8.24
Kathryn Gay .....	211.87
General Crushed Stone Co. ....	7.00
E. A. Hurd .....	425.00
Charles C. Johnson .....	2.00
George W. Marshall .....	4.50
J. M. Maxwell, Jr., & Co. ....	1.00
Horace Partridge Co. ....	53.23
F. F. Smith .....	33.07
O. P. Symonds & Sons .....	1.60
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Total Payments .....	2,087.92
Balance to Revenue .....	662.08
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	\$ 2,750.00
	\$ 2,750.00

## CEMETERY DEPARTMENT

## Laurel Hill Cemetery

Cr.

Appropriation .....	\$ 8,300.00
Receipts from Cemetery Bequest Fund .....	1,116.79
Receipts from Cemetery Reserve Fund .....	1,520.62

Dr.

Pay Roll .....	\$ 7,787.93
Am. Ry. Exp. Co. ....	1.74
O. W. Austin .....	6.00
Boston Stove Foundry Co. ....	47.63
Joseph Breck & Sons .....	128.84
Burditt & Williams Co. ....	32.92
Ernest A. Clapp .....	16.33
Clapp & Leach .....	74.90
Cummings Exp. Co. ....	7.00
Josiah Cummings & Son .....	4.12
E. B. Currell & Son .....	349.07
C. L. Deming .....	20.75
M. Ellis & Co. ....	50.00
F. E. & E. L. Emery .....	23.75
H. A. Feindel .....	184.97
T. C. Fife .....	10.52
Francis Bros. ....	40.93
A. E. Goodwin .....	20.35
R. J. Haight .....	11.60
Hamblet Machine Co. ....	93.06
Hay & Peabody Co. ....	12.00
Miles C. Higgins .....	20.00

Hodson Bros.	14.13
Housing Co.	35.50
R. H. Jackson	3.80
John Street Garage	107.42
J. A. LeFave	246.92
Melrose Granite Co.	5.00
Metropolitan Filling Station	80.80
D. O. Miller Co.	2.50
William Morrison & Son	20.00
Montrose Block & Cement Co.	13.63
J. W. Morton, Att'y	12.00
Municipal Light Department	3.24
N. E. Tel. & Tel. Co.	67.00
N. E. Contracting Co.	31.68
Frank L. Noble	49.96
North Reading Wagon Co.	27.50
E. L. Norton R. & C. Co.	1.25
O. O. Ordway	11.90
Reading Rubber Mfg. Co.	12.25
Reading Custom Laundry	5.00
Reading Motor Co.	30.24
Reading Tire Shop	46.65
Reading Citizens Ice Co.	45.00
Reading Garage & Service Station	6.38
E. H. Richards	3.08
E. D. Richmond, M. D.	9.00
Alex Richmond	4.00
F. F. Smith	6.69
Frank T. Simpson	137.00
Stoneham Monumental Studio	5.00
P. N. Sweetser	1,028.70
David Taggart	56.55
R. J. Todd Co.	58.05
W. E. & J. F. Twombly	49.66
Wakefield Odd Fellows' Building Association	22.50
Waldo Bros. & Bond Co.	34.08
Water Department	13.20
W. H. Willis	1.23
Y. & E. Mfg. Co.	2.59
Est. of Jason Zwicker	60.00
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	\$ 11,315.49
Less transfer to Soldiers' Graves Acct.	378.08
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	\$ 10,937.41 \$ 10,937.41

**CEMETERY DEPARTMENT****Forest Glen Cemetery**

Cr.

Appropriation .....	\$ 6,000.00
Receipts, Royal Ind. Co. ....	70.84
Dr.	
Cemetery Land Purchase.....	\$ 3,972.33
Pay Roll .....	195.37
Davis & Abbott .....	179.31
W. D. Emerson .....	4.48
H. A. Feindel .....	11.10
A. E. Goodwin .....	4.00
A. Michelini & Sons .....	784.69
F. F. Smith .....	3.25
Water Department .....	6.00
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Total Payments .....	5,160.53
Balance to 1925 .....	910.31
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	\$ 6,070.84
	\$ 6,070.84

**WATER DEPARTMENT**

Cr.

Balance from 1923 .....	\$ 2,485.67
Receipts, 1924 .....	43,945.28

Dr.

Bond Payments .....	\$ 12,00.00
Interest .....	2,932.50
Pay Roll .....	13,320.48
Insurance .....	245.93
Cash Payments .....	2.19
Am. Railway Express Co. ....	18.81
Amstaco .....	.55
G. H. Atkinson Co. ....	10.10
Balboni, Louis .....	608.73
W. Bancroft & Co. ....	8.89
Barbour & Dixon .....	1,910.93
F. W. Barry, Beale Co. ....	10.25
Bingham & Taylor .....	121.26
Blackbird Pen Co. ....	3.50
Boston & Maine Railroad Co. ....	322.54
Braman, Dow & Co. ....	59.60
Burroughs Adding Machine Co. ....	1.52
George A. Caldwell Co. ....	84.67
Castner, Curran & Bullitt, Inc. ....	1,168.25
Chandler & Farquhar Co. ....	.78

Chapman Valve Co.	705.67
M. F. Charles	15.00
Clapp & Leach	.50
C. W. Crafts	28.65
Creditors' Nat'l Clearing House	.52
Cummings Express Co.	108.78
Elsie J. Davis	5.80
George W. Davis Co.	14.20
C. L. Deming	3.00
Dexter Bros. Co.	1.40
H. G. Dickey	5.60
L. W. Dickinson & Son	2.75
Dodge, Haley Co.	3.92
Dyar Supply & Machine Co.	38.12
Eagle Oil & Supply Co.	97.72
Elliott Co.	11.58
Federal Meter Co.	12.60
T. C. Fife	18.49
Fire & Water Eng. Co.	4.00
Fonda Lime Kilns	340.00
Francis Brothers	3.00
Gamon Meter Co.	4.88
Thomas Groom & Co.	2.88
Hayes Print & Mail Co.	31.50
Hersey Mfg. Co.	95.62
Hodson Brothers	3.25
Housing Co.	101.00
H. W. Hunt Co.	88.32
Jenkins Brothers	44.90
John-Manville Co.	8.56
Charles C. Johnson	2.50
Kenney's Service Station	1.36
J. A. LeFave	6.25
Library Bureau	3.84
Ludlow Valve Mfg. Co.	14.06
Lumsden & Van Stone Co.	3,921.66
J. M. Maxwell, Jr., & Son	3.89
Merrimac Chemical Co.	539.81
Metropolitan Filling Station	1.00
Middlesex Rubber Co.	250.68
D. O. Miller Co.	5.42
Mueller Co.	200.38
Municipal Light Department	2,559.45
H. B. McArdle	18.00
National Meter Co.	907.32
Neptune Meter Co.	246.08
N. E. Tel. & Tel. Co.	143.07

N. E. Towel Supply Co.	9.60
Frank L. Noble	28.27
Town of North Reading	9.02
No. Reading Wagon Co.	12.50
R. E. Parker Mfg. Co.	1.63
A. E. Partelow	.76
Pittsburg Meter Co.	179.99
Prentiss & Parker	7.50
Reading Motor Co.	145.75
Reading Steel Casting Co.	.73
Reading Tire Shop	77.00
Red Hed Mfg. Co.	420.89
Registry Motor Vehicles	2.00
Reliance Ribbon & Carbon Co.	11.51
Rensselaer Valve Co.	706.12
P. J. Seaman	1.75
F. F. Smith	22.57
Solidhed Tack Co.	.25
S. M. Spencer Mfg. Co.	15.25
F. D. Sperry	9.80
Standard Oil Co.	186.68
Thomson Meter Co.	25.43
Thorp & Martin Co.	8.88
W. F. Turner	.70
W. E. & J. F. Twombly	265.76
Underwood Typewriter Co.	22.00
Union Water Meter Co.	167.30
U. S. Post Office	17.56
Waldo Bros. & Bond Co.	41.41
F. Wallace	.90
Charles A. Ward	3.00
Ware Coupling & Nipple Co.	46.76
Water Works Equipment Co.	50.00
Weston & Sampson	52.00
W. H. Willis	.15
Worthington Pump & Machine Co.	22.57
Yawman & Erbe Mfg. Co.	38.62
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Total Payments	46,071.07
Balance to 1925	359.88
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	\$ 46,430.95
	\$ 46,430.95

## MUNICIPAL LIGHT DEPARTMENT

Cr.

Balance from 1923	\$ 999.50
Receipts, 1924	208,700.39

## Dr.

Bond Payments .....	\$ 15,800.00
Interest .....	6,343.00
Insurance .....	320.81
Pay Roll .....	58,824.28
Cash Payments .....	1,155.17
Transfer to Bal. Loan Acct. ....	700.00
H. L. Abbott .....	9.00
Addressograph Co. ....	14.47
Aetna El. Appliance Co. ....	1.85
The Alpha .....	20.00
Am. El. Ser. & Maint. Co. ....	794.79
Am. Ironing Machine Co. ....	160.97
Am. Railway Exp. Co. ....	151.74
Am. Schaeffer & B. Corp. ....	1.46
Ames Agr. Impl. Co. ....	11.02
Arrow Service .....	10.00
C. M. Bailey .....	366.63
Harry P. Baker .....	86.25
W. A. Bancroft, Treasurer, Mun. Light Tax ....	50.63
W. Bancroft & Co. ....	144.09
K. M. Bangs .....	33.00
Berry Barker .....	60.00
Bates Motor Sales Co. ....	250.00
Beaudette & Graham Co. ....	242.55
Van I. Bennett .....	185.01
Blackbird Pen Co. ....	5.25
Boston Gear Works .....	25.00
Boston Lumber Co. ....	309.00
B. & M. R.R. ....	5,723.63
C. Bowen .....	89.35
Braman, Dow & Co. ....	54.66
Bristol Co. ....	4.94
Allen Brooks .....	4.00
Bundy Steam Trap Co. ....	5.23
George H. Buckminster & Co. ....	9,110.45
B. A. Buzzell & Co. ....	1,368.93
Irving S. Cain .....	3.00
Carbon Coal & Coke Co. ....	1,432.02
Harry J. Carroll .....	134.40
Minot H. Carter .....	6.00
Castner, Cunan & Bullitt, Inc. ....	1,075.47
Central Garage .....	382.97
Century Elect Co. ....	5.41
Champagne's .....	26.75
Chandler & Farquhar Co. ....	7.38
M. F. Charles .....	23.65

Cheney Paper Co. ....	3.60
A. W. Chesterton Co. ....	18.79
Clapp & Leach ....	172.72
Columbia Lamp Division ....	3,967.66
Condit Elec. Mfg. Co. ....	129.66
Crandall Packing Co. ....	38.36
Cummings Express Co. ....	199.75
E. B. Currell & Son ....	200.88
Cutter-Wood Supply Co. ....	27.49
H. I. Dallman Co. ....	241.94
Dalton Light Fixture Co. ....	8.50
A. L. Danforth ....	84.08
Davis & Abbott ....	6.25
George W. Davis Co. ....	36.00
Paul W. Dayton ....	297.21
Diamond United Stamp Works ....	4.60
L. W. Dickinson & Son ....	114.50
Duralelectric Corp'n ....	12.35
Eagle Oil Supply Co. ....	59.74
E. W. Eames ....	400.00
Eastern Mass. St. Ry. Co. ....	696.77
A. M. Eaton Paper Co. ....	2.60
George E. Eaton ....	47.70
Economy Lub. Co. ....	3.46
Edison El. Appliance Co. ....	34.72
E. Mach. & Inst. Co. ....	93.91
Electrical Record ....	3.00
Esner's ....	22.39
Eureka Vacuum Cl. Co. ....	1,860.38
Herbert G. Evans ....	18.75
Falls Clutch & Mach. Co. ....	2.11
Farley & McNeil Co. ....	38.25
E. M. Fay Elec. Co. ....	245.47
T. C. Fife ....	90.99
G. H. Flint ....	3.50
R. J. Fisher ....	11.09
E. K. Flood ....	22.00
Foster-McDonald Co. ....	1,936.01
Francis Bros. ....	113.31
Frost Insect Co. ....	2.31
G. C. Am. Mfg. Co. ....	.96
Garland Co. ....	92.50
Garlock Packing Co. ....	52.51
General Elec. Co. ....	7,930.78
Gleason, Tierbout Gl. Co. ....	5.35
Globe Paper Co. ....	1.23
Globe Stove & Range Co. ....	36.45

F. E. Gray .....	1,670.30
James J. Griffin .....	3.50
E. W. Ham Elec. Co. ....	3,496.33
Margaret Hannaford .....	5.00
F. S. Hardy & Co. ....	3,420.24
Hayes Pump & Mach. Co. ....	67.30
Carroll R. Heath .....	300.00
Hedge & Matheis Co. ....	8.80
S. D. Hicks & Son Co. ....	5.00
Earl G. Hobart .....	9.00
Hobbs & Warren .....	21.50
Hodge Boiler Works .....	50.00
Hodges Co. ....	19.00
Oliver Holt .....	3,178.50
Hoover Co. ....	277.09
George P. Howes .....	55.00
John D. Hughey .....	2.05
India Alkali Works .....	71.16
Ind. Engineer .....	2.00
C. L. Jeans & Co. ....	126.86
Jenkins Bros. ....	83.66
Johns-Manville Co. ....	104.07
John Street Garage .....	80.97
D. E. Justicee .....	9.60
James E. Kelly .....	12.50
Kehutte Koerting .....	81.13
Kenney's Seryice Station .....	36.97
Kelvinator Sales Co. ....	1,624.61
Kleen Heat Co. of N. E. ....	542.77
Landers, Frary & Clark .....	2.50
LanderWelding Co. ....	6.00
J. A. LeFave .....	150.00
Lewis Elec. Supply Co. ....	137.79
Library Bureau .....	367.07
Lightoiler Co. ....	6.75
Linseott Motor Co. ....	18.10
Arthur D. Little, Inc. ....	60.00
John W. Lockerbee Co. ....	24.00
William G. Long .....	18.75
John Lueas Co. ....	21.50
Lumsden & Van Stone Co. ....	442.59
Lunden El. & Mach. Co. ....	676.20
Lynn Gas & El. Co. ....	193.32
Town of Lynnfield .....	319.50
Mann & Emery .....	32.50
G. W. Marshall .....	1.85
A. E. Martell Co. ....	16.70

Mathias-Hart Co.	8.22
J. M. Maxwell, Jr., & Son	175.66
H. B. McArdle	231.37
H. G. McFadden Co.	1.50
Oliver M. McGrane	3.75
McGraw-Hill Co.	3.00
McKenney & Waterbury	16.43
S. R. McIntosh	1.85
McLeod & Henry Co.	66.00
McLeod Mfg. Co.	1.82
Met. Paint & Varnish Co.	62.50
D. O. Miller Co.	33.15
Robert Miller Co.	12.50
C. A. Mosso Laboratories	6.75
Municipal Light Association	10.00
National Carbon Co.	15.83
National Coal Sales Co.	489.01
National Tire & Rubber Co.	69.54
N. E. Coal & Coke Co.	10,030.12
N. E. Tel. & Tel. Co.	2,307.55
The 1900 Sales Co.	89.27
North Main St. Garage	5.00
Town of North Reading	140.00
North Reading Wagon Co.	34.40
E. Russell Norton	3,576.16
Osborn Office Furniture Co.	67.50
William R. Patten	57.85
D. C. Percival Co., Inc.	93.75
Perkins-Carpenter Elec. Supply Co.	97.55
John W. Perry	6.80
Pettingell-Andrews Co.	2,177.32
R. V. Pettingell E. Supply Co.	1,744.14
Portalite Co.	69.00
Pratt's Market	6.44
Prentiss & Parker	1,132.55
Quaker City Range Co.	33.45
Reading Garage & Service Station	420.55
Reading Motor Co.	875.62
Reading Steel Casting Co.	.65
Reading Tire Shop	90.30
Refactum Ind. Lamp Co.	49.89
Registrar of Motor Vehicles	24.00
Reliance Ribbon & Carbon Co.	2.00
Rensselaer Valve Co.	56.30
Reo-Simpson Co.	264.67
Frank Ridlon Co.	188.66
Robbins-Phalon Co.	3,777.97

Roovers Bros.	18.18
Royal Typewriter Co.	74.05
Russell Coal Co.	7,955.32
Sanford Mills	87.91
Scannell Boiler Works	185.32
P. J. Seaman	49.19
Security Lodge I. O. O. F.	50.00
S. Robert Schwartz & Bro.	41.50
A. G. Sias	50.00
Simplex Elec. & Heating Co.	1,391.62
Simplex Wire & Cable Co.	530.63
F. F. Smith	3.25
B. W. Smith	5.27
Society for Elec. Development	169.30
W. S. Southwick	36.00
Spaulding-Moss Co.	19.99
Speedometer Ser., Inc.	11.38
Spencer Regulator Co.	2.33
Standard El. Stove Co.	8.84
Standard Mailing Meh. Co.	1.00
Standard Env. Sealer Co.	15.35
Standard Oil Co.	839.77
Charles E. Stanwood	862.03
Star Brass Mfg. Co.	2.99
Stearns, Perry & Smith Co.	212.90
S. R. Stembridge Co.	454.87
Ford B. Strough	32.16
Daniel S. Sullivan	183.22
William J. Sweeney	6.45
John Swen	1,523.00
Percy N. Sweetser	3,068.76
Doris E. Sylvia	25.00
J. S. Temple, Inc.	240.00
J. A. Tilley	6.00
Arthur H. Todd	1,238.00
Toledo Cooker Co.	933.46
Charles P. Towle	85.00
John Tredinnick	1,729.28
W. E. & J. F. Twombly	1,005.53
U. S. Post Office	846.31
Vacuum Oil Co.	77.84
G. H. Voter, Inc.	159.04
Vye-Smith Co.	511.58
Wagner Elec. Corp'n	76.81
George H. Wahn Co.	85.96
Waldo Bros. & Bond Co.	64.79
Wales Adding Machine Co.	19.75

F. Wallace .....	35.05
Water Department .....	274.75
Waterproof Paint & Var. Co. ....	310.00
Welsbach Co. of N. E. ....	676.88
Westinghouse El. Co. ....	2,815.35
Western Elec. Co. ....	433.88
Wetmore-Savage Co. ....	4,783.76
Wheeler Cond. & Eng. Co. ....	52.13
C. H. Wheeler Mfg. Co. ....	71.02
Wheeler Reflector Co. ....	11.07
C. W. Whiting, M. E. ....	1,040.00
Wilmington Grange Hall ....	30.50
Woburn Iron Foundry ....	169.00
Woburn Machine Co. ....	233.92
W. A. Wood & Co. ....	20.29
H. P. Woodbury Co. ....	38.02
Y. & E. Mfg. Co. ....	54.22
Young Sign Studio ....	1.75
 Total Payments .....	207,463.68
Balance to 1925 .....	2,236.21
	\$209,699.89
	\$209,699.89

**MEMORIAL DAY OBSERVANCE**

Cr.	
Appropriation .....	\$ 500.00
Dr.	
H. W. Batchelder .....	\$ 1.00
D. A. Ives .....	149.00
Mrs. E. E. Litchfield .....	14.06
W. E. & J. F. Twombly .....	2.00
Veteran Post No. 194 G. A. R. ....	22.45
John N. Weston .....	146.00
 Total Payments .....	334.51
Balance to Revenue .....	165.49
	\$ 500.00
	\$ 500.00

**CARE OF SOLDIERS' GRAVES**

Cr.	
Appropriation .....	\$ 500.00

## Dr.

Transferred from Cemetery Maintenance .....	\$ 378.08
Balance to Revenue .....	121.92
	\$ 500.00 \$ 500.00

**SOUTH STREET REPAIRS**

## Cr.

Balance from 1923 .....	\$ 528.08
Dr.	
Pay Roll .....	\$ 371.46
General Crushed Stone Co. .....	70.24
	\$ 538.08 \$ 538.08

**FOREST STREET REPAIRS**

## Cr.

Balance from 1923 .....	\$ 307.54
Dr.	
Pay Roll .....	\$ 124.12
Boston & Maine Railroad .....	173.42
	\$ 307.54 \$ 307.54

**CHILD WELFARE WORK**

## Cr.

Appropriation .....	\$ 300.00
Dr.	
Mrs. Bertha Benjamin .....	\$ 225.00
C. R. Henderson, M.D. .....	75.00
	\$ 300.00 \$ 300.00

**MIDDLESEX CO. BUREAU OF AGRICULTURE**

## Cr.

Appropriation .....	\$ 200.00
Dr.	
Middlesex Co. Extension Service .....	\$ 200.00
	\$ 200.00 \$ 200.00

**LOWELL STREET BRIDGE APPROACH**

Cr.	\$ 6,710.92
Appropriation .....	\$ 6,710.92
Dr.	
Boston & Maine Railroad .....	<u>\$ 6,710.92</u>
	<u>\$ 6,710.92</u>
	\$ 6,710.92

**FIREMEN'S REIMBURSEMENT**

Cr.	\$ 186.50
Appropriation .....	\$ 186.50
Dr.	
Owen McKenney .....	\$ 140.50
William J. Brown, M.D. .....	46.00
	<u>\$ 186.50</u>
	<u>\$ 186.50</u>

**TRAFFIC BEACONS**

Cr.	\$ 693.50
Appropriation .....	\$ 693.50
Dr.	
American Gasaccumulator Co. .....	\$ 537.50
Horni Traffic Signal Co. .....	26.00
Balance to Revenue .....	130.00
	<u>\$ 693.50</u>
	<u>\$ 693.50</u>

**SCHOOL DEPARTMENT. 1923 BILLS**

Cr.	
Appropriation .....	\$ 2,140.26
Dr.	
F. M. Crosby .....	\$ 6.50
Eastern Mass. St. Ry. Co. .....	275.00
T. C. Fife .....	548.28
Jennie Mackie .....	1.80
Stewart & Robertson .....	1,117.79
W. E. & J. F. Twombly .....	141.50
Zanni & Co. .....	49.39
	<u>\$ 2,140.26</u>
	<u>\$ 2,140.26</u>

**OVERDRAFTS, 1923**

Cr.	
Appropriation .....	\$ 2,014.54
Transferred from E. & D. Account .....	438.56

Dr.		
Transferred to Overlay, 1922 .....	\$ 41.25	
Transferred to Insurance Account .....	462.93	
Transferred to Poor Department Account .....	1,184.95	
Transferred to Mothers' Aid Account .....	346.56	
Transferred to Temporary Aid Account .....	109.05	
Transferred to Industrial Tuition Account .....	308.36	
		\$ 2,453.10
		\$ 2,453.10

**SMITH-HUGHES FUND**

Cr.		
Balance from 1923 .....	\$ 165.10	
Received 1924 .....	296.06	
Dr.		
School Dept. Agr. Pay Roll .....	\$ 461.16	
		\$ 461.16
		\$ 461.16

**CEMETERY LAND PURCHASE. ART. 21**

Cr.		
Transfer from Cemetery Reserve Fund .....	\$ 658.50	
Dr.		
R. D. Clapp Estate:		
To Ernest E. Clapp .....	\$ 658.50	
		\$ 658.50
		\$ 658.50

**BUILDING LINES**

Cr.		
Appropriation .....	\$ 2,500.00	
Dr.		
Barbour & Dixon .....	\$ 1,592.52	
Hodson Bros. ....	1.25	
Dana F. Perkins .....	86.35	
		1,680.12
Total Payments .....	1,680.12	
Balance to 1925 .....	819.88	
		\$ 2,500.00
		\$ 2,500.00

**TEMPORARY LOANS****Anticipation of Revenue**

Outstanding Jan. 1, 1924 .....	\$100,000.00
--------------------------------	--------------

**Notes Issued in 1924**

Month	By whom purchased	Rate of disc.	Amt.
Feb.—	Charles L. Edwardes & Co. ....	4.10	\$ 25,000.00
Mar.—	Second Nat'l Bank, Boston ....	4.15	25,000.00
May—	Second Nat'l Bank, Boston ....	3.50	50,000.00
May—	Old Colony Trust Co., Boston ....	3.75	25,000.00
June—	Old Colony Trust Co., Boston ....	3.05	50,000.00
Sept.—	First Nat'l Bank, Boston ....	3.10	50,000.00
Dec.—	Atlantic Nat'l Bank, Boston ....	3.14	75,000.00
			_____
			\$300,000.00

**Notes Paid in 1923**

May .....	\$ 25,000.00
October .....	125,000.00
November .....	50,000.00
December .....	75,000.00
	_____
	\$275,000.00
Outstanding Dec. 31, 1924 .....	\$125,000.00

**ACCOUNTING MUNICIPAL LOANS****SEWER DEPARTMENT LOANS**

Outstanding Jan. 1, 1924 .....	\$169,000.00
Bonds issued in 1924 .....	22,000.00
Paid in 1924 .....	\$ 4,000.00
Outstanding Dec. 31, 1924 .....	187,000.00
	_____
	\$191,000.00
	\$191,000.00

**WATER DEPARTMENT LOANS**

Outstanding Jan. 1, 1924 .....	\$ 77,000.00
Paid in 1924 .....	\$ 12,000.00
Outstanding Dec. 31, 1924 .....	65,000.00
	_____
	\$ 77,000.00
	\$ 77,000.00

**MUNICIPAL LIGHT DEPARTMENT LOANS**

Outstanding Jan. 1, 1924 .....	\$141,100.00
Paid in 1924 .....	\$ 15,800.00
Outstanding Dec. 31, 1924 .....	125,300.00
	_____
	\$141,100.00
	\$141,100.00

**MUNICIPAL BUILDING LOANS**

Outstanding Jan. 1, 1924 .....	\$ 28,000.00
Paid in 1924 .....	\$ 2,000.00
Outstanding Dec. 31, 1924 .....	26,000.00
	\$ 28,000.00 \$ 28,000.00

**MUNICIPAL AND LIBRARY BUILDING GROUNDS**

Outstanding Jan. 1, 1924 .....	\$ 4,500.00
Paid in 1924 .....	\$ 500.00
Outstanding Dec. 31, 1924 .....	4,000.00
	\$ 4,500.00 \$ 4,500.00

**BROWN ESTATE LOANS**

Outstanding Jan. 1, 1924 .....	\$ 4,500.00
Paid in 1924 .....	\$ 500.00
Outstanding Dec. 31, 1924 .....	4,000.00
	\$ 4,500.00 \$ 4,500.00

**SCHOOL BUILDING LOANS**

Outstanding Jan. 1, 1924 .....	\$ 16,000.00
Paid in 1924 .....	\$ 5,000.00
Outstanding Dec. 31, 1924 .....	11,000.00
	\$ 16,000.00 \$ 16,000.00

**RICHARDSON ESTATE LOANS**

Outstanding Jan. 1, 1924 .....	\$ 2,000.00
Paid in 1924 .....	\$ 500.00
Outstanding Dec. 31, 1924 .....	1,500.00
	\$ 2,000.00 \$ 2,000.00

**PLAYGROUND PURCHASE NOTES**

Outstanding Jan. 1, 1924 .....	\$ 7,500.00
Paid in 1924 .....	\$ 2,500.00
Outstanding Dec. 31, 1924 .....	5,000.00
	\$ 7,500.00 \$ 7,500.00

**FUNDED DEBT****Balancing Account**

Total Debt, Jan. 1, 1924 .....	\$449,600.00
Sewer Dept. Bonds .....	22,000.00

	<b>Paid in 1924</b>	
Sewer Department Loans .....	\$ 4,000.00	
Water Department Loans .....	12,000.00	
Light Department Loans .....	15,800.00	
Municipal Building Loans .....	2,000.00	
Municipal Building and Library Grounds Loans .....	500.00	
Brown Estate Loans .....	500.00	
School Building Loans .....	5,000.00	
Richardson Estate Loans .....	500.00	
Playground Purchase Note .....	2,500.00	
		_____
Total Payments, 1924 .....	42,800.00	
Total Debt, Dec. 31, 1924 .....	428,800.00	
		_____
	\$471,600.00	\$471,600.00

**SPECIAL DEBT ACCOUNT****FUNDED DEBT MATURING IN 1924**

Cr.

Appropriation from Excess & Deficiency Account .....	\$ 15,000.00
Transfer from Water Dept. .....	12,000.00
Transfer from Light Dept. .....	15,800.00

Dr.

Payment of Loans due in 1924 .....	\$ 42,800.00
	_____

\$ 42,800.00 \$ 42,800.00

**FUNDED DEBT MATURING IN 1925**

Sewer Dept. Loans .....	\$ 12,000.00
Water Dept. Loans .....	12,000.00
Light Dept. Loans .....	13,800.00
Municipal Building Loans .....	2,000.00
Municipal and Library Building Grounds Loans .....	500.00
Brown Estate Loans .....	500.00
Richardson Estate Loans .....	500.00
School Building Loans .....	5,000.00
Playground Property Note .....	2,500.00
	_____
Total .....	\$ 48,800.00

## TOWN DEBT

## DETAIL OF PAYMENT BY YEARS

Year	Delever.	Water.	Muni.	Hight.	Muni.	Bldg.	Brown.	State	Muni. and Mun. Bldg.	Grounuds	Playgrond	Biethardson	Estate	Dept.	School	Dept.	Biethardson	Playgrond	Total
1925	\$12,000.00	\$12,000.00	\$13,800.00	\$2,000.00	\$500.00	\$500,000	\$500,00	\$500,00	\$2,500.00	\$2,500.00	\$2,500.00	\$48,800.00							
1926	8,000.00	7,000.00	12,800.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	34,800.00							
1927	8,000.00	7,000.00	12,800.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	32,300.00							
1928	8,000.00	7,000.00	12,800.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	31,800.00							
1929	8,000.00	7,000.00	11,800.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	30,800.00							
1930	9,000.00	7,000.00	10,800.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	30,800.00							
1931	9,000.00	2,000.00	9,000.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	24,000.00							
1932	9,000.00	2,000.00	9,000.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	23,000.00							
1933	9,000.00	2,000.00	8,000.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	21,000.00							
1934	9,000.00	2,000.00	6,000.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	19,000.00							
1935	8,000.00	2,000.00	6,000.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	18,000.00							
1936	8,000.00	2,000.00	4,000.00	2,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	16,000.00							
1937	8,000.00	1,000.00	2,500.00	2,500.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	13,500.00							
1938	8,000.00	1,000.00	2,500.00	2,500.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	11,500.00							
1939	8,000.00	1,000.00	2,500.00	1,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	11,500.00							
1940	8,000.00	1,000.00	1,000.00	1,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	10,000.00							
1941	7,000.00	1,000.00	1,000.00	1,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	8,000.00							
1942	7,000.00	1,000.00	1,000.00	1,000.00	500.00	500,000	500,00	500,00	500.00	500.00	500.00	8,000.00							
1943	7,000.00											7,000.00							
1944	7,000.00											7,000.00							
1945	6,000.00											6,000.00							
1946	6,000.00											6,000.00							
1947	6,000.00											6,000.00							
1948	2,000.00											2,000.00							
1949	2,000.00											2,000.00							
Totals	\$187,000.00											\$65,000.00							
													\$26,000.00						
													\$4,000.00						
													\$11,000.00						
													\$1,500.00						
														\$5,000.00					
															\$428,800.00				

**BORROWING CAPACITY**

	<b>Total Valuation</b>	<b>Abatement</b>	<b>Net Valuation</b>
1922	\$ 9,860,206.00	\$10,852.00	\$ 9,849,354.00
1923	10,410,283.00	68,420.00	10,341,863.00
1924	12,535,348.00	87,981.00	12,447,367.00

Average net valuation 3 years, \$10,879,428.00.

Note:—Indebtiness of towns limited to three per cent of valuation of three preceding years (Chap. 44, Sec. 10, G. L.).

Three per cent is .....	\$326,382.00
Total Debt .....	\$428,800.00
Exempted Loans:	
Water Dept. ....	\$ 65,000.00
Light Dept. ....	125,300.00
Sewer Dept. ....	187,000.00
Playground Purchase .....	5,000.00
	—————
	\$382,300.00
Borrowing Capacity, Dec. 31, 1924 .....	\$ 46,500.00
	—————
	279,882.00

**TRUST FUND, CASH AND SECURITIES**

Balance Jan. 1, 1924, Bonds par value .....	\$ 23,500.00
Balance, Mechanics Savings Bank .....	9,228.01
Deposits, Mechanics Savings Bank, Cemetery Bequests for Perpetual Care .....	2,875.00
Deposits, Mechanics Savings Bank, Interest on Bonds .....	998.75
Interest on Savings Bank Deposits .....	482.86
	—————
	\$ 37,074.62
Withdrawn from Mechanics Savings Bank, for Cemetery Account .....	1,116.79
	—————
	\$ 35,967.83
Balance Dec. 31, 1924:	
Bonds, per list below par value .....	\$ 23,500.00
Balance Mechanics Savings Bank, per pass books .....	12,467.83
	—————
	\$ 35,967.83
	—————
	\$ 35,967.83

**CEMETERY BEQUEST FUND****For Perpetual Care**

Balance Jan. 1, 1924 Bonds par value .....	\$ 23,500.00
Balance, Mechanics Savings Bank Jan. 1, 1924	9,056.39
Deposits, Mechanics Savings Bank, Interest on Bonds .....	998.75

Interest on deposit, Mechanics Savings Bank ..	475.10
Bequests received in 1924 .....	2,875.00
<hr/>	
Withdrawn from Mechanics Savings Bank, for Cemetery Account .....	36,905.24
Balance Dec. 31, 1924, Bonds per list par value	\$ 23,500.00
Balance, Mechanics Savings Bank, per pass book Dec. 31, 1924 .....	12,288.45
	<hr/>
	\$ 35,788.45 \$ 35,788.45

**LAUREL HILL CEMETERY—BEQUEST FUND, INVESTMENTS**

\$9,000 U. S. Liberty, 4½ Oct. 15, 1938, purchased 10-15-18 to yield about 4.25% at 100
\$3,000 U. S. Liberty, 4½ Oct. 15, 1938, purchased 7-19-21 to yield about 5.39% at 87.00
\$ 700 U. S. Liberty, 4½ Sept. 15, 1928, purchased 2-8-19 to yield about 4.92% at 95.02
\$2,000 U. S. Liberty, 4½ Sept. 15, 1928, purchased 7-26-19 to yield about 4.94% at 95.04
\$2,100 U. S. Liberty, 4½ Sept. 15, 1928, purchased 2-14-20 to yield about 5.21% at 93.44
\$ 500 U. S. Liberty, 4½ Sept. 15, 1928, purchased 4-26-20 to yield about 5.70% at 90.60
\$ 500 U. S. Liberty, 4½ Sept. 15, 1928, purchased 4-26-20 to yield about 5.71% at 90.76
\$2,200 U. S. Liberty 4½ Sept. 15, 1928, purchased 7-19-20 to yield about 6.06% at 88.58
\$1,800 U. S. Liberty, 4½ Sept. 15, 1928, purchased 11-22-20 to yield about 6.07% at 88.76
\$ 700 U. S. Liberty, 4½ Sept. 15, 1928, purchased 2-8-21 to yield about 5.90% at 90.10
\$1,000 U. S. Liberty, 4½ Sept. 15, 1928, purchased 4-17-21 to yield about 5.76% at 90.84
<hr/>
\$23,500.00

**GEORGE F. BUCK FUND**

Balance Jan. 1, 1924 Mechanics Savings Bank ..	\$ 69.74
Interest 1924 .....	3.15
Balance Dec. 31, 1924 per pass book .....	\$ 72.89
	<hr/>
	\$ 72.89 \$ 72.89

**PUBLIC LIBRARY FUND**

Balance Jan. 1, 1924, Mechanics Savings Bank ..	\$ 101.88
Interest 1924 .....	4.61
On hand Dec. 31, 1924, per pass book .....	\$ 106.49
	<hr/>
	\$ 106.49 \$ 106.49

## TOWN OF READING

BALANCE SHEET DEC. 31, 1924

## GENERAL ACCOUNTS

		\$125,000.00
Cash in Banks and Office .....	\$ 58,708.51	Temporary Loans .....
Taxes and Assessments Receivable:		Overlays Reserved for Abatements:
Taxes, 1921 .....	\$ 194.62	For 1921 Taxes .....
Taxes, 1922 .....	431.94	For 1923 Taxes .....
Taxes, 1923 .....	1,689.63	For 1924 Taxes .....
Taxes, 1924 .....	119,918.45	
Moth, 1924 .....	346.25	Overlay Reserve Fund .....
Sewer Asst, Appor'n, 1924 .....	966.93	Moth Assessments, Revenue .....
Sewer Asst. Appor'n, Interest ..	292.64	Sewer Assessments, Revenue .....
Sewer Asst. Unappor'n .....	760.84	Sewer Rentals, Revenue .....
Sewer Rentals .....	87.90	Sewer Asst. Revenue due 1925 to 1933
	124,689.20	Departmental Accounts Rec., Revenue
	7,781.04	Water Dept. Account Rec., Revenue
Departmental Accounts Receivable:	13,849.09	Mun. Light Dept. Acct. Rec., Revenue
Sewer Asst. Appor'n Rec. 1925-1933	105.72	Water Dept. Maint. Account .....
Water Dept. Accounts Rec. .....	24,548.19	Mun. Light Dept. Maint. Account .....
Municipal Light Dept. Accounts Rec.	3,886.33	Sewer Dept. Maint. & Const. Acct.
Tax Titles held by Town .....		Sewer Dept. House Connections Acct.
		Cemetery Reserve Fund .....
		Appropriation balances forward to 1925
		Block System Survey .....
		South Street Repairs .....
		North Main Street Sidewalk ..
		Building Lines .....
		Drainage System Survey .....
		Forest Glen Cemetery .....
		69.40
		.96.38
		175.06
		819.88
		1,000.00
		910.31
		3,071.03

BALANCE SHEET (Continued)

Tax Titles Revenue .....	3,886.33
War Poll Tax Refund .....	4,069.82
Reserve Fund .....	490.56
Excess & Deficiency Account .....	16,121.93
<hr/>	<hr/>
	\$233,568.08

**DEBT ACCOUNTS**

Net Funded Debt .....	\$428,800.00
	Sewer Construction Loans .....
	Water Department Loans .....
	Municipal Light Department Loans .....
	Municipal Building Loans .....
	Mun. Building & Library Gds. Loans .....
	Brown Estate Loan .....
	School Building Loans .....
	Richardson Estate Loans .....
	Playground Purchase Notes .....
<hr/>	<hr/>
	\$428,800.00

**TRUST FUNDS**

Trust Funds, Cash and Securities ..	\$ 35,967.83
	Cemetery Bequest Fund for Per-
	petual Care .....
	George F. Buck Fund .....
	Public Library Fund .....
<hr/>	<hr/>
	\$ 35,967.83









